LED & ARCHITECTURAL LIGHTING

2024

ELECTRON

ELECTRON

www.electron.gr

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

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ELECTRON

ELECTRON was established in 1978 and since then has been a leading manufacturing and distributing company in the lighting field. The company has been active in the international field for more than 20 years and today exports its products in more than 60 countries worldwide, sealing its dynamic presence by participating in international lighting exhibitions around the world. It is located in Athens, Greece.

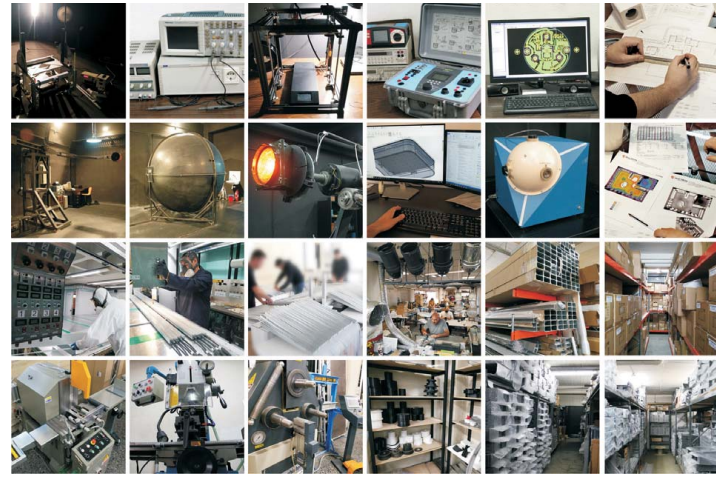
The company originally started in the theatrical field with the design, development and production of lighting management systems. Due to this experience, the company has deep knowledge and know-how of the electronics of the luminaires and the lighting management systems. Electron also designs and produces Casambi partner products (switches and drivers), used with the Casambi App available for both iOS and Android.

ELECTRON is certified with ISO 9001:2015 for the design, development, production and marketing of professional lighting systems.

The ELECTRON team

Electron team consists of qualified and well trained staff with common view the delivery of products of highest quality.

The R&D department consists of experienced and qualified engineers who ensure the design and development of innovative products, excellent in design, technology, and ergonomics. Custom solutions and designs are also possible for evaluation and /or production. The sales team has engineers with deep knowledge of the lighting industry who are eager to provide the best possible solutions in terms of functionality and aesthetics. The production department has qualified staff who together with the high quality raw materials, and quality control ensure the delivery of excellent in performance products. The after sales team is available to our partners for technical support, information, and back up service. Electron luminaires are offered with their photometric data. Electron has in house photometry lab that ensures photometric data of the collection and at the same time quick reliable measurements for mock up and custom products. Electron also collaborates with the Lighting Laboratory of the National Technical University of Athens (NTUA). The Lighting Laboratory of NTUA has been established in 1955 with experienced and qualified specialists.



EnabLED
Licensing Program for LED Luminaires and Retrofit Bulbs
Member
Electron SA
ENABLED

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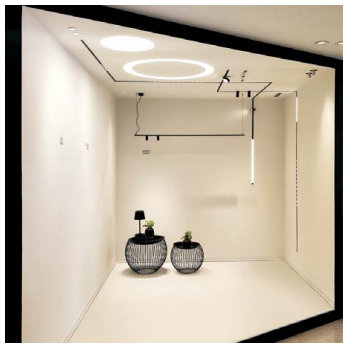


NANO System
LED & ARCHITECTURAL

ELECTRON
LED & ARCHITECTURAL
LIGHTING

Click It

Click It

OUTDOOR LIGHTING

The Outdoor collection consists of a compete series of outdoor luminaires custom made with well-known and well established families of products. Linear outdoor luminaires include the design and production of wall washers and PU (Polyurethane) potted luminaires all custom made according to the needs of each project. All are offered with input cable and IP68 connector as standard, but with a possibility also for in-out cable and IP68 connector supplied as extra. Protagon is the highest in performance washer and Elegant series consists of different models: MAX II, Max, Midi, Midi II, Mini and HV. PU (Polyurethane) potted linear luminaires have a variety of linear profiles including Outliner series (surface, recessed, installation with brackets) available in different widths IP67 (Recessed IP66) all custom made in terms of CCT, Wattage and length, offered at different dimensions custom made according to the illuminated areas. All PU (Polyurethane) potted luminaires offer excellent uniformity with colour consistency. Outdoor collection includes aslo a variety of Projectors such as Box, Conny and Tondo series offered at different wattage, CCT, beam angles and with a variety of accessories (snoot, honeycomb, tree belt, pole base and spike).

ELECTRON lounges its newest Terragon series of inground linear luminaires: Terragon 80 and Terragon 40 (IK10). The series either allows to adjust the tilt of the luminaire on site (IP67) or it is offered with a fixed tilt angle (IP68). It is supplied monochromatic, RGBW, TW in a variety of different degrees custom made with a length of up to 1m. Terano series has been expanded and besides Terano 25, the newest model Terano 40 is also available, both custom made inground linear PU (Polyurethane) potted luminaires available either with opal or with clear finish with a length of up to 2m. Terano offers excellent uniformity with colour consistency. It is IP68 and IK10, available either with aluminium or with stainless steel luminaire body and mounting box. Outdoor collection also includes other inground linear, round and square luminaires such as Oscar newest series, Gretto series recessed and trimless, as well as surface mounted, recessed, wall, trimless luminaires, bollard and decorative rechargeable luminaires.

Outdoor collection also includes ceiling recessed or trimless downligths that are offered in these categories respectively, as well as waterproof led strips and Milky flexible LED offered with a protection rate of either IP65, IP66, IP67 or IP68.

WEATHER RESISTANT

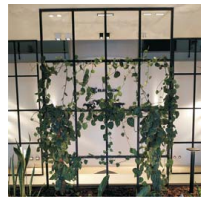
Marine Type features:

Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

PU (Polyurethane) material:
1lr- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:
REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:
Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:
Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
TABER test ASTM D1044. CROCKMETER test ASTM D6279

Request our catalogues:
Lighting Management & Control Systems, made in Greece
Entertainment Lighting & Audio Systems



Athens Showroom

Athens Showroom

INDOOR LIGHTING

Electron has expanded the interior system solutions with Rail and Forma Flex systems. Rail system is suitable for surface and pendant installation, ideal to create an elegant touch to any space. It is available in gold and black colour. Forma Flex is an ultra flexible system that allows almost limitless shapes and solutions. Click it system is suitable for trimless, surface and pendant application with a variety of accessories. And finally Nano miniaturized system besides the surface and pendant installation has available specific curves (surface installation only) and is also available in recessed version. All systems are versatile and adjustable to changes as there is flexibility and easiness in the repositioning of the luminaires. Interior systems (depending on the exact system) consist of a variety of luminaires spots fixed / adjustable, zoom spot, frame, gobo, linear spots, washers, diffused linear flat or tubes and decorative pendant cylindrical and frosted luminaires..

In terms of indoor luminaires, the range consists of a variety of custom made linear indoor luminaires: fixed, surface, adjustable with brackets, recessed, trimless, wall and pendant. All luminaires are custom made mainly with Nichia strips or Cree modules in the dimensions or shapes that fit in each space. Moreover, Electron offers interior spotlights with different shape and wattage consisting mainly of Calisto, Riena and Feria series with CREE or Bridgelux LEDs.

Electron Downlights include a great variety of recessed and trimless luminaires available either for indoor or outdoor use. The downlights are offered in different cutouts, depths and wattage, with a selection of the dimming option. Most are offered either with CREE or with Bridgelux LED and with L90/B10 50000h for monochromatic and 3step MacAdam. Some families of downlights offer a selection of accessories: honeycomb, softening lens spread lens and extra IP protection. All downlights are custom made in terms of characteristics CCT, CRI, Watt, beam angle, colour, dimming option and accessories. Electron also offers surface, pendant and wall luminaires most with the above mentioned characteristics. Siena series is one of the newest series of pendant luminaires available in different layouts and in four different endings, adding a decorative touch into any space.

Electron collection also includes the custom made series of Disc, Eclipse, Loop, and Orbit luminaires. These are offered for recessed, trimless, surface, surface deco, pendant direct and pendant direct/indirect installation. Disc and Loop are offered in six different dimensions whereas Eclipse and Orbit are offered in four different dimensions. Upon request custom dimensions may be also available. All luminaires are offered in two models: High Power and High Efficiency with options for low Glare (UGR<21) and low UGR (UGR<19) respectively.

Electron collection also includes a great variety of aluminium profiles that offer limitless solutions together with a great collection of the finest LED strips. Prime Series and Supreme series consist of the highest quality of LED strips using Nichia and Samsung LEDs respectively. Electron also offers a variety of Milky flexible Leds offered with protection rate of IP65/ IP66/ IP67/ IP68. Milky flexible LEDs have vertical or horizontal or twist (both vertical and horizontal) bending possibility. Electron also offers fiber optics and a selection of LED Lamps that include Soraa and Sylvania.

Finally, Electron offers a great selection of Constant Voltage and Constant Current drivers. Electron, also designs, develops and manufactures Premium Series of wall-mounted multifunctional Controllers, available in different versions to meet individual requirements and specifications: Leading Edge Dimmers, Trailing Edge Dimmers, Relay Switches, HF Fluorescent Controllers, Sine Wave Dimmers, LED Drivers, Dali Drivers. Moreover, ELECTRON designs, develops and manufactures ARLIC architectural lighting system, MICON architectural dimmers, LED power supplies, LED dimmers, LED converters, LED boosters, LED controllers, Splitters, Relay packs and other lighting equipment.

ELECTRON due to the 47 years of experience in the development and production of luminaires, Lighting Management & Control Systems, has the ability, to offer unique solutions in terms of the lighting and the control. Each project is carefully designed and managed in order to be perfectly functional, and easy to use for the end users, allowing the possibility to control each light source as desired. ELECTRON offers a variety of dimming options (DMX/ DALI/ 1-10V/0-10V/ Wireless), Bluetooth Control, and Emergency operation.

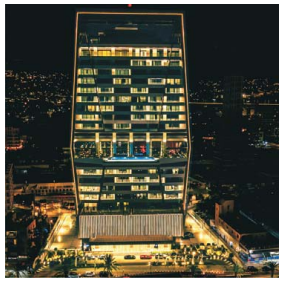
bridgelux NICHIA CREE LEDs SAMSUNG

WASTED installation at the Architect Show (Athens / Greece)

Lighting Design:
ASlight
Artist Curators:
John Veikos & Anna Sbokou
Video & Graphic Curation:
Design Ambassador
Photo:
Gavrill Papadiotis

AWARDS:

[d]arc awards
Shortlisted 2022 Art: Low Budget



ICON TOWER High Rise Residential (Limassol / Cyprus)

Lighting Design:
Sigala-lighting
Architect:
UDS Architects
Photo:
Marios Ioannides

AWARDS:

[d]arc awards
Entries 2022: Structures High Budget

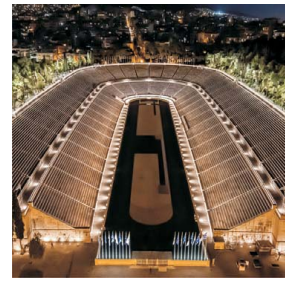
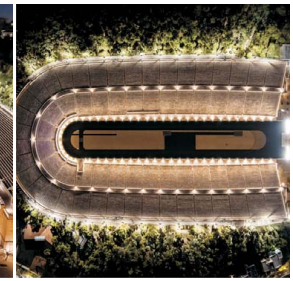
LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design

Residence
(Platres / Cyprus)

Lighting Design:
Alkestis Skarlatou - light in space
Architect:
Elena Konstantinidou Architects
Photo:
Maria Efthymiou

AWARDS:

LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design

Panathenaic Stadium
(Athens / Greece)

Lighting Design:
George Tellos
Photographer:
Dionisis Koutsis

AWARDS:

Best Project in 2022 Casambi Awards

Townhouse
(Lefkada / Greece)

Lighting design:
Idea Design Ltd
Architect:
Ioanna Zavitsanou
Photo:
Gavrill Papadiotis

AWARDS:

[d]arc awards
Structures Low Budget 2022:
Second Place

Akasha Beach Hotel & Spa
(Heraklelon Crete / Greece)

Architects:
schema 4 architects
Photos:
Manos Efchetzis

AWARDS:

BIGSEE Interior Design AWARD 2022 Winner

Panathenaic Stadium Athens, Greece

Best Project Casambi Awards 2022

Lighting Design by George Tellos https://artic-design.com/
Special thanks to the Hellenic Olympic Committee https://hoc.gr/en
Photographer: Dionisis Koutsis

CASAMBI

The Stadium

The Panathenaic Stadium is a classical cultural and touristic monument of Greece and one of the most significant monuments not only for Athens, but for the whole of Greece.

It is one of city's most popular touristic attractions and one of Athens' landmarks.

Its rich history is directly connected to the Modern Olympic Games as from their revival in 1896 until the Athens Olympic Games in 2004. It is also the place from where the Olympic flame sets up its journey to the cities of the Olympic Games, Winter, Summer and Youth.

Goals/ Restrictions

- Sustainability
- Light Pollution Reduction.
- CCT Adjustability
- CRI > 90
- Homogeneity and Uniformity.
- Fixtures should be placed in the pre-existed 60 available points ensuring zero interference in the historical stadium.
- Wireless individual control of each lighting point. MACs in the cabling infrastructure were not allowed.

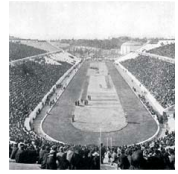
Solution

Electron

- Illumination of the stadium itself consists of 453 custom made Elegant MAX luminaires.
- 360 fixtures used for the stands, placed in the pre-existed 60 (array of 6 luminaires in each point).
- 93 fixtures used as used as safety units for illuminating the 2 level horizontal corridors.
- Different lenses within each fixture to ensure vertical and horizontal homogeneity.
- Separate aiming and stabilizing of each luminaire.
- Custom DALI DT8 power supplies.
- Individual control for each array of 6 luminaires.

Casambi

- Wireless mesh networking.
- DALI DT8 TW control from dusk to dawn.
- Time based scene for both CCT and power control.
- Remote access through gateway.
- Control hierarchy.



1896 Olympics
(Panathenaic Stadium)

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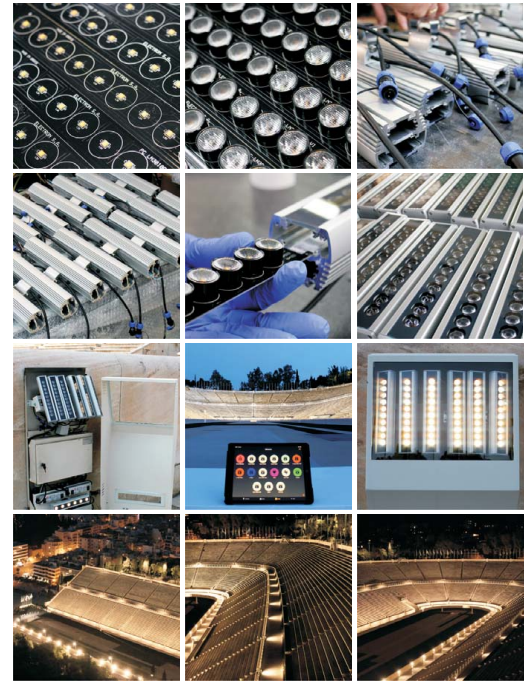
Project Awards 2022-2023

Relults

- The new lighting system significantly enhanced the sustainability claims.
- Luminosity level drops to 80% after a specific time ensuring sustainability.
- Energy requirements have been reduced by 50% and light pollution by more than 70%.
- Neutral White turns into Warm White as the darkness deepens.
- Both CCTs, in combination with CRI>90, reveal the uniqueness of the Pentelic marble.
- Excellent uniformity levels: elimination of both hot spots & dark spots.
- Preserving the heritage of the historical monument with zero interference.



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CLICK IT SYSTEM

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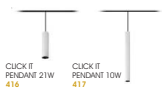

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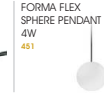

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ECLIPSE RC Ø599mm · ECLIPSE RC Ø869mm · ECLIPSE RC Ø1149mm · ECLIPSE RC Ø1439mm

LOOP RC 496
LOOP RC 319x319mm · LOOP RC 469x469mm · LOOP RC 609x609mm · LOOP RC 879x879mm · LOOP RC 1149x1149mm · LOOP RC 1419x1419mm

ORBIT RC 500
ORBIT RC 609x609mm · ORBIT RC 879x879mm · ORBIT RC 1149x1149mm · ORBIT RC 1419x1419mm

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SOUL 520
SOUL · SOUL DEEP · SOUL ADJ · SOUL ADJ DEEP · SOUL IP65 · SOUL IP56 DEEP
SOUL MINI · SOUL MINI DEEP · SOUL MINI ADJ · SOUL MINI ADJ DEEP · SOUL MINI IP65 · SOUL MINI IP56 DEEP

HIDE RC 528
HIDE RC · HIDE RC DEEP · HIDE RC DOUBLE · HIDE RC DEEP DOUBLE · HIDE MINI RC · HIDE MINI RC DEEP

SANTI 536
SANTI · SANTI ADJ · SANTI WASH · SANTI MINI

WHISPER RC 544
WHISPER RC · WHISPER ADJ

CRUSH RC 548
CRUSH RC · CRUSH RC DOUBLE

POT 552

POLAR RC 556

LIMIT RC
LIMIT RC IP67-IP66 560 · LIMIT RC IP20-IP44 563

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MANI 566 · SCOOP N 567

NORDIA
NORDIA AG 568 · NORDIA 569 · NORDIA WASH 570 · NORDIA DF 571

LIMA
LIMA 4 RC 574 · LIMA 10 RC · LIMA 21 RC · LIMA 10 RC Single ADJ 576 · LIMA 21 RC Single ADJ · LIMA 21 RC Double ADJ · LIMA 42 RC Double ADJ · LIMA WASH 10 RC 578 · LIMA WASH 21 RC
LIMA DF 4 RC 580 · LIMA DF 10 RC · LIMA DF 21 RC · LIMA 4 IP44 RC 582 · LIMA 10 IP44 RC · LIMA 4 IP65 RC 584 · LIMA 10 IP65 RC · LIMA 21 IP65 RC

LANE 586
LANE 2 RC · LANE 4 RC · LANE 10 RC · LANE 21 RC · LANE 31 RC · LANE 21 ADJ RC 588

FOCUS RC 590
FOCUS RC · FOCUS RC ADJ

ERIS 592
ERIS L ADJ · ERIS L · ERIS M ADJ · ERIS M

MERLYN
MERLYN XL 595 · MERLYN 596 · MERLYN IP44 598

CASTALIA
CASTALIA R 600 · CASTALIA S 602 · CASTALIA E 604 · CASTALIA H 606 · CASTALIA A 608 · CASTALIA W 610

REVO
REVO M 612 · REVO L 614 · REVO X 616

BORRELY 618
BORRELY · BORRELY DOUBLE

VESTA 620

AVRA 621

JUPITER 622 · ELDO 624 · EVO I 625 · TORN/ TORN MINI 626 · BAROLO 627 · CUBIC/ EYE 628

FRAME 629 · STARLIGHT SERIES 630 · PETITE ANTI-GLARE 631 · TALUS
TALUS RC 632 · TALUS RC ADJ 634

RODITA SORENA
RODITA 636 · SORENA 637

KRONOS 638

RONELO PELO
RONELO 639 · PELO 640

HORIZON 641

Ceiling Trimless

DISC TR 644
DISC TR Ø257mm
DISC TR Ø387mm
DISC TR Ø567mm
DISC TR Ø837mm
DISC TR Ø1117mm
DISC TR Ø1407mm

ECLIPSE TR 648
ECLIPSE TR Ø567mm
ECLIPSE TR Ø837mm
ECLIPSE TR Ø1117mm
ECLIPSE TR Ø1407mm

LOOP TR 652
LOOP TR 306x306mm
LOOP TR 456x456mm
LOOP TR 596x596mm
LOOP TR 866x866mm
LOOP TR 1136x1136mm
LOOP TR 1406x1406mm

ORBIT TR 656
ORBIT TR 596x596mm
ORBIT TR 866x866mm
ORBIT TR 1136x1136mm
ORBIT TR 1406x1406mm

REFORM TR
REFORM 30 TR 660
REFORM 30 InOut TR 662
REFORM 52 TR 664
REFORM 52 InOut TR 666

HIDE TR 668
HIDE TR
HIDE TR DEEP
HIDE TR DOUBLE
HIDE TR DEEP DOUBLE
HIDE MINI TR
HIDE MINI TR DEEP

WHISPER TR 676

CRUSH TR 680
CRUSH TR
CRUSH TR DOUBLE

POLAR TR 684

LIMIT TR
LIMIT TR IP67-IP66 688
LIMIT TR IP20-IP44 691

FOCUS TR 694

LIMA
LIMA 4 TR 696
LIMA 10 TR
LIMA 21 TR
LIMA WASH 10 TR 698
LIMA WASH 21 TR
LIMA DF 4 TR 700
LIMA DF 10 TR
LIMA DF 21 TR

LUPO
LUPO RD WASH 702
LUPO RD 703
LUPO SQ WASH 704
LUPO SQ 705

HELIO
PANDORA
HEKTOR
GALINO
HELIO 706
PANDORA 707
HEKTOR 708
GALINO 709

AMOS PLASTER
AMOS/AMOS XL 710
SEAMLESS RD / SQ SHORT / SQ WASH 45° 711
SHARP RD/SQ 712
VERTICO 713
SEAMLESS SQ / SQx2 714
SEAMLESS SQ ADJ / ADJx2 715

PLASTER
SEAMLESS RD ADJ / RD ADJ x2 / CURVE ADJ 716
INVISIBLE SQ ADJ / SQ / RD 717
INVISIBLE RD ADJ / RD ADJx2 / CURVE ADJ 718
EXENS / SPACE-O / SPACE-Z 179
ART-R 720

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Ceiling Surface

DISC SF 722
DISC SF Ø270mm
DISC SF Ø400mm
DISC SF Ø580mm
DISC SF Ø850mm
DISC SF Ø1130mm
DISC SF Ø1420mm

DISC SF DECO 726
DISC SF DECO Ø270mm
DISC SF DECO Ø400mm
DISC SF DECO Ø580mm
DISC SF DECO Ø850mm
DISC SF DECO Ø1130mm
DISC SF DECO Ø1420mm

ECLIPSE SF 730
ECLIPSE SF Ø580mm
ECLIPSE SF Ø850mm
ECLIPSE SF Ø1130mm
ECLIPSE SF Ø1420mm

ECLIPSE SF DECO 734
ECLIPSE SF DECO Ø580mm
ECLIPSE SF DECO Ø850mm
ECLIPSE SF DECO Ø1130mm
ECLIPSE SF DECO Ø1420mm

LOOP SF 738
LOOP SF 300x300mm
LOOP SF 450x450mm
LOOP SF 590x590mm
LOOP SF 860x860mm
LOOP SF 1130x1130mm
LOOP SF 1400x1400mm

LOOP SF DECO 742
LOOP SF DECO 300x300mm
LOOP SF DECO 450x450mm
LOOP SF DECO 590x590mm
LOOP SF DECO 860x860mm
LOOP SF DECO 1130x1130mm
LOOP SF DECO 1400x1400mm

ORBIT SF 746
ORBIT SF 590x590mm
ORBIT SF 860x860mm
ORBIT SF 1130x1130mm
ORBIT SF 1400x1400mm

ORBIT SF DECO 750
ORBIT SF DECO 590x590mm
ORBIT SF DECO 860x860mm
ORBIT SF DECO 1130x1130mm
ORBIT SF DECO 1400x1400mm

TARTA 754

REFORM
REFORM 30 SF SPOT 756
REFORM 52 SF SPOT 758
REFORM 75 SF SPOT 759

DANDO FRAME SF 760

DANDO ZOOM SF 761

LACERTA 762

ADORNO
ADORNO SF SPOTLIGHT RETROFIT 763
ADORNO SF RETROFIT 764

MORETTO 766

TALUS 768

LYRA 769

ARIES 770

BAREL 771

ATLAS 772

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Interior Pendant

DISC
PDD-PDDI
774

DISC PD-PDDI Ø270mm
DISC PD-PDDI Ø400mm
DISC PD-PDDI Ø580mm
DISC PD-PDDI Ø850mm
DISC PD-PDDI Ø1130mm
DISC PD-PDDI Ø1420mm

ECLIPSE
PDD-PDDI
780

ECLIPSE PD-PDDI Ø680mm
ECLIPSE PD-PDDI Ø850mm
ECLIPSE PD-PDDI Ø1130mm
ECLIPSE PD-PDDI Ø1420mm

LOOP
PDD-PDDI
786

LOOP PD-PDDI 300x300mm
LOOP PD-PDDI 450x450mm
LOOP PD-PDDI 590x590mm
LOOP PD-PDDI 860x860mm
LOOP PD-PDDI 1130x1130mm
LOOP PD-PDDI 1400x1400mm

ORBIT
PDD-PDDI
792

ORBIT PD-PDDI 590x590mm
ORBIT PD-PDDI 860x860mm
ORBIT PD-PDDI 1130x1130mm
ORBIT PD-PDDI 1400x1400mm

AURIGA
798

ADORNO PD RETROFIT
799

SIENA

SIENA
800

SIENA V
804

SIENA C
808

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SIENA RT
812

SIENA W
816

NEBBIA

NEBBIA C
820

NEBBIA P
822

NEBBIA S
824

JERIS
826

IRIS
827

METIS
828

Interior Wall Surface, Recessed

STAY

STAY
830

STAY RC
831

SYLVA

SYLVA S
832

SYLVA L & R
833

NAMOS
834

CUBE PL/ FAROS-P
835

PRICL/ BOWL/ CURB
836

WAVE/ JUGER
837

CAFÉ/ MENSA
838

LETO/ JUNO
839

EUROPA/ IDA
840

EMILOS/ IKTINOS
841

URGO PL/ URGO SLEEK
842

CIRCLE PL/ CIRCLE LPL
843

CERES L/ CERES
844

NECK/SHAPE/ TEAR
845

MYRON/ BEAM
846

SATI
847

LED DOT BEAM, DOT DOME/FROST
848

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Aluminium Profiles

LINILINE

LINILINE RC AlProfile 852
LINILINE RCAG AlProfile 854
LINILINE TR AlProfile 856
LINILINE TRAG AlProfile 858
LINILINE SF AlProfile 860
LINILINE SFAG AlProfile 862
LINILINE PD AlProfile 864
LINILINE PDAG AlProfile 866
LINILINE PD Direct/Indirect AlProfile 868
LINILINE PDAG Direct/Indirect AlProfile 870

OUTLINER

OUTLINER 50 AlProfile 874
OUTLINER 40 AlProfile 846
OUTLINER 30 AlProfile 878
OUTLINER 20 AlProfile 880

TETRA SLICK
TETRA
TETRA PLUS

TETRA SLICK AlProfile 884
TETRA AlProfile 887
TETRA PLUS AlProfile 891

LUMINET AlProfile 894

LIGUA

LIGUA 1 AlProfile 896
LIGUA 2 AlProfile 897

LINART AlProfile 898

LINI IN
LINI OUT

ARC AlProfile 900
ARC AlProfile 901

JOY AlProfile 902

U TYPE AlProfile 903

ELECSIA AlProfile 904

OMEGA AlProfile 906

LUNGO AlProfile 907

MIDI U

MIDI U AlProfile 908
MIDI U RC AlProfile 909

MINI U

MINI U AlProfile 910
MINI U RC AlProfile 911

ELITE AlProfile 912

ELECSYS AlProfile 914

SHALLOW AlProfile 915

BENDABLE AlProfile 916

TINY AlProfile 917

NEST

NEST XL AlProfile 918
NEST AlProfile 920

CORNISE AlProfile 921

ARC

ARC AlProfile 922
ARC2 AlProfile 924
ARC3 AlProfile 926

INGRA
INGRA MINI

INGRA AlProfile 928
INGRA MINI AlProfile 929

ARTBAR AlProfile 930

ARTTUBE AlProfile 931

CORNER

CORNER II AlProfile 932
CORNER 45 AlProfile 933

V TYPE AlProfile 934

CORNER ECO AlProfile 935

TRIMLESS ECO AlProfile 936

TRIMLESS W ECO AlProfile 937

STAIR DUE AlProfile 938

TRIMLESS C ECO AlProfile 939

MANDI AlProfile 940

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Flexible LEDs

PRIME SERIES

PRIME Series HE 84LED/m 21W/m CRI80 944
PRIME Series 84LED/m 21W/m CRI80 945
PRIME Series 48LED/m 10W/m CRI80 946
PRIME Series 42LED/m 10W/m CRI80 947

SUPREME SERIES

SUPREME Series 168LED/m 20W/m CRI80 950
SUPREME Series 168LED/m 20W/m CRI90 951
TUNABLE WHITE 140/168LED/m 10/20W CRI80 952
TUNABLE WHITE 168LED/m 10/20W/m CRI90 953
SUPREME Series 140LED/m 15W/m CRI80 954
SUPREME Series 140LED/m 15W/m CRI90 956
SUPREME Series 140LED/m 10W/m CRI80 956
SUPREME Series 140LED/m 10W/m CRI90 957
SUPREME Series 140LED/m 5W/m CRI80 958
SUPREME Series 140LED/m 5W/m CRI90 959
SUPREME Series 70LED/m 10W/m CRI80 962
SUPREME Series 70LED/m 10W/m CRI90 963
SUPREME Series 70LED/m 5W/m CRI80 964
SUPREME Series 70LED/m 5W/m CRI90 965
SUPREME Series 70LED/m 3W/m CRI80 966
SUPREME Series 70LED/m 3W/m CRI90 967
SUPREME Series 60LED/m 20W/m CRI80 968
SUPREME Series 60LED/m 20W/m CRI90 969
SUPREME Series 30LED/m 10W/m CRI80 970
SUPREME Series 30LED/m 10W/m CRI90 971
SUPREME Series 60LED/m Thermal Management 973

WIRELESS, DMX512

WIRELESS CONTROL 32LED/m 974
DMX512 DIRECT CONTROL 32LED/m 975

STANDARD SERIES

STANDARD Series 192, 144LED/m R-G-B-W 1by1 976
STANDARD Series 84, 60, 48LED/m RGBWW-RGBCW 4in1 977
STANDARD Series 96, 60LED/m RGB+WW 3chip 978
STANDARD Series 96LED/m RGB in1 3chip 979
STANDARD Series 60LED/m RGB in1 3chip 980
STANDARD Series 30LED/m RGB in1 3chip 981
STANDARD Series 60LED/m 3chip Monochromatic 982
STANDARD Series 30LED/m 3chip Monochromatic 983
STANDARD Series 120LED/m Monochromatic 984
STANDARD Series 60LED/m Monochromatic 985
STANDARD Series 30LED/m Monochromatic 986

5mm WIDTH BENDABLE VARIABLE ANGLE

5mm WIDTH 96LED/m 987
WW BENDABLE 60LED/m 988
VARIABLE ANGLE 60, 70LED/m 989

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SLIM H MILKY LED 1008
TOP V MILKY LED 1013
MINI TOP MILKY LED 1024
BASELINE TWIST MILKY LED 1031
BASELINE V MILKY LED 1034
BASELINE H MILKY LED 1040
DOME MILKY LED 1045

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Fiber Optics

LIGHT ENGINES

METAL HAUDE LIGHT ENGINE 1050

HALOGEN LIGHT ENGINE 1050

IP43 LIGHT ENGINE 1050

DMX LED 80W IP43 LIGHT ENGINE 1050

DMX LED 40W & 80W LIGHT ENGINES 1051

DMX LED 10W LIGHT ENGINES 1051

ACCESSORIES 1051

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SINGLE with BLACK PVC JACKET 1052

SINGLE & MULTI SIDE EMITTING 1052

MULTI-STRING END LIGHT 1053

MULTI-STRING SIDE LIGHT 1053

SOLID SIDE LIGHT 1053

SOLID END LIGHT 1053

END PIECES

CABINET END PIECE 1054

CRYSTAL END PIECE 1054

CEILING END PIECE 1055

BURIED END PIECE 1055

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REFIT MODULE 6 IP44 1059

REFIT WD6 IP44 1060

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GU10 LED lamps SORAA 1061

GU10 LED lamps SORAA 1062

SNAP System LED Accessories SORAA 1063

LED LAMPS SYLVANIA

GU10 LED lamps SYLVANIA 1064

GLS/CANDLE LED lamps SYLVANIA 1065

HOMOGENEOUS 5VDC 1066

LED MODULES

LED MODULE RGB 1066

LED MODULE SAMSUNG 1067

CHAIN WASH LED Module 20x70deg 1068

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ARLIC

ARLIC 1070

Control Panels 1072

Accessories 1073

DMR Trailing Edge Dimmers

DMR.730 1074

DMR.731 1076

DIN RAIL Trailing Edge Dimmers 1077

Analogue to DMX Merger Converter 1078

DMX to 1-10V & DMX to 0-10V 1078

4ch DALI/DSI to DMX Interface 1078

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Bluetooth Xpress Wireless 1080

Bluetooth 4ch PWM 1081

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Bluetooth 4 Push Button 1083

BLUETOOTH

Bluetooth Trailing Edge 1084

Bluetooth to 0-10V, 1-10V or DALI 1085

Bluetooth to DALI 1086

Bluetooth 1ch Relay Switch (ICR) 1087

Bluetooth 2ch Relay Switch 1088

Bluetooth DALI interface 1089

Bluetooth Sensor 1089

6ch DMX IR Remote Control 1092

4ch RGBW Touch DMX & PWM 12/24V Output 1092

3ch DMX Output CHAMELEON Const.Volt. 1092

Inrush Current Limiter 300ms 230VAC 1093

Inrush Current Limiter 300ms 180-264VAC / 16A 1093

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Emerg.KIT for Const.Volt or Const. Current LED 1094

Emerg.KIT for 12V LED Lamps GU5.3 1095

Emerg.KIT for 230V LED Lamps GU10 1096

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Cables & Connectors 1098

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IP68 Connectors 1100

IP68 Macro Connectors 1100

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LED Cables RGB & RGBW 1103

PREMIUM Series Trailing 1104

ACTOR BASE Trailing 1105

DMX Merger Splitter 1106

DMX Repeater 1106

DMX512 RDM WiFi LED Contr. 1106

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5ch DMX/RDM 1108

4ch DMX512/ RDM Dim. 1109

4ch RGBW DMX 1109

3ch DMX Dim. Converters 1110

3ch RGB DMX Dim. 1110

3ch RGB DMX Dim. IR Remote Control 1110

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DMX to Const.Volt. Converters 1112

4ch RGBW LED Driving Booster 1113

3ch RGB Booster 1113

1ch LED Driving Boosters 1113

DMX/RDM, DALI-2 DT6/DT8 RGBW High Frequency 1114

DALI DT8 RGBW High Frequency 1114

DALI DT8 Dual Colour 1114

DALI to Const.Volt. 1115

DALI, 1-10V, Phase Cut Const.Volt. 1115

DALI, 1-10V to Const.Volt. 1116

1ch High IP Rated Dim. DALI 1117

1ch High IP Rated Ultra Thin 1120

1ch High IP Rated 1-10V Dim 1121

1ch Dim. 1-10V 1122

1ch DIM. 1-10V & Push Switch 1122

1ch Phase Cut Leading or Trailing Edge 1123

1ch LED Dimmer-Drivers 1124

1ch Dim. 1-10V Potentiometer 1124

6 zones RGB/RGBW RF Remote Control 1125

3ch RGB Dim. RF Remote Control 1125

5 zones Monochromatic RF Remote Control 1126

1ch RF Remote Control 1126

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1ch High IP Rated 24VDC 1128

1ch High IP Rated 12VDC/5VDC 1129

1ch DIN RAIL 1130

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Single Channel DC to DC Converters 1132

4ch DMX/RDM to Const.Current 1133

2ch DMX/RDM to Const.Current NFC Programmable 1134

4ch DMX512 RDM Decoder 1134

DMX TW Single Output 2ch 1135

2ch DMX to Const.Current 1135

DMX RGBW 1135

1ch DMX to Const.Current 1136

1ch DMX/RDM to Const. Current 1136

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1ch LED Boosters 1138

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DALI TD8 4ch RGBW 1140

4ch DALI to Const.Current 1141

2ch DALI to Const.Current 1141

2ch TW DT8 DALI to Const.Current NFC Programmable 1142

1ch DT6 DALI to Const.Current NFC Programmable 1142

1ch DALI to Const.Current or Const.Volt. 1144

1ch DALI to Const.Current 1145

1ch DALI WD 1146

1ch DALI / 1-10V / PUSH WD 1148

1ch DALI WD NFC Programmable 1150

1ch DALI Dim. IP68 NFC Programmable 1151

1ch DALI Dim. IP68 1151

1ch Dim. 1-10V Const.Current or Const.Volt. 1152

1ch Dim. 1-10V & Leading or Trailing Edge 1164

1ch Dim. 1-10V Potentiometer 1154

1ch Dim. 1-10V 1155

1ch 1-10V Dim. 1156

1ch 1-10V WD 1157

1ch 1-10V Dim. IP68 1168

1ch Leading or Trailing Edge Phase Cut 1159

1ch Leading or Trailing Edge Phase Cut 1160

1ch Phase Cut WD 1162

1ch Multi Power 1165

1ch 350-700mA Small Size 1170

1ch 200-1050mA 1171

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EXTERIOR LINEAR

PROTAGON

Exterior Linear

Protagon Series of wall washers is the highest in performance of all wall washers offered.
It is designed to highlight buildings with grand presence that stand out from their surroundings.

- **Unit pitch:** 6 cm. Pitch is maintained between luminaries.
- **Control:** DMX-512. Galvanic isolated.
- **DMX Resolution:** Normal (8bit), High (16bit).
- **Dimming Steps:** 65535 steps, for very smooth dimming.
- **DMX Channels:** User selectable from 2 channels (for all groups) up to 5 channels /per group.
- **Dimming Curves:** Linear, Logarithmic, Square.
- **Gamma correction:** Yes. From 2,5 to 1/2,5 in steps of 0,1.
- **Anti-glare:** Optional Anti-glare accessory.
- **Setup:** From external Setup Programmer.
- **Over temperature protection:** The wattage of the LED is automatically readjusted in case the temperature exceeds safety levels.
- **Ingress Protectionon:** IP66
- **Connectors:** Input, Output connectors for power supply and DMX signal.
- **Power Factor:** >0,98
- **Operation Ambient temperature:** -25ºC / +50ºC.
- **Power Supply:** 90-277VAC 50-60Hz
- **Weight 60/90/120/150cm:** 6,41 / 10,44 / 11,80 / 15,14kgs
- **IK Rate:** IK04

No. of LEDs per 60cm:
- 10x4 LEDs (4in1) for Monochromatic and Tunable White models.
- 10 multi colour LEDs (4in1) for RGBW models.

L90/B10 50000h RGBW

Monochromatic:
L90/B10 50000h Red, Green, Blue
L70/B10 50000h Amber
L70/B10 36000h White

Marine Type

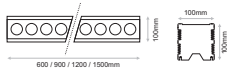
PROTAGON is also available in Marine type with the following characteristics:

Powder Coating:
√ Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.

Exterior Durability:
√ Meets qualicoat class 2 requirements after 3 years Florida
√ Meets AAMA 2604-13 requirements after 5 years Florida

High Resistance to:
√ Weather, √ UV, √ Water and mould growth

WEATHER RESISTANT



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ELECTRON

Exterior Linear

CREE LEDs

IP66

Model	Luminaire Colour**		CCT - CRI		110W LED Source	165W LED Source	220W LED Source	275W LED Source	Beam Angle	Watt / Length
PROTAGON *(PROTAGON)*	Grey	*(GR)*	2700K - 80CRI	*[2780]*	8120lm	12180lm	16240lm	20300lm	14° *(14)*	110W / 60cm *(110W060)*
	Marine Type	*(MT)*	2700K - 90CRI	*[2790]*	6120lm	9180lm	12240lm	15300lm	26° *(26)*	165W / 90cm *(165W090)*
			3000K - 80CRI	*[3080]*	8680lm	13020lm	17360lm	21700lm	40° *(40)*	220W / 120cm *(220W120)*
			3000K - 90CRI	*[3090]*	6640lm	9960lm	13280lm	16600lm		275W / 150cm *(275W150)*
			4000K - 80CRI	*[4080]*	8680lm	13020lm	17360lm	21700lm		
			6500K - 70CRI	*[6570]*	9880lm	14820lm	19760lm	24700lm		
			Red	*[RD]*	6360lm	9540lm	12720lm	15900lm		
			Green	*[GR]*	10860lm	16280lm	21710lm	27140lm		
			Blue	*[BL]*	3250lm	4880lm	6504lm	8130lm		
			Amber	*[AM]*	6360lm	9540lm	12720lm	15900lm		
			Tunable WC 4in1	*[WC4*]*	8990lm	13480lm	17970lm	22460lm		
			RGBW	*[RGBW]*	4200lm	6300lm	8400lm	10500lm		

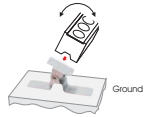
***WC4:** Tunable 2700K-6500K 4in1
** Available in RAL colours upon request.

Ordering Code Example: *PROTAGON-GR-3080-14-165W090*

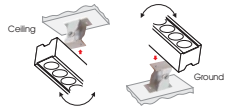
ELECTRON

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

1. Movable Ground Bracket

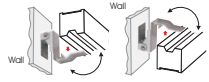


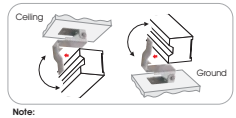
2. Fixed Ceiling or Ground Bracket



3. Fixed 10cm Wall Bracket Type A & Type B

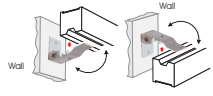
Type A

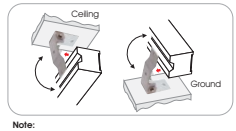




Note:
Can be used for permanent installation in ceiling or ground

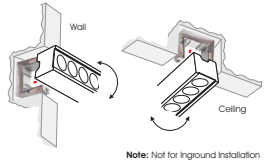
Type B

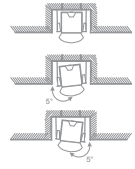




Note:
Can be used for permanent installation in ceiling or ground

4. Recessed Bracket ±5°





Note: Not for Inground Installation

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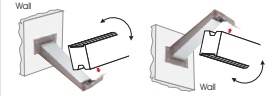
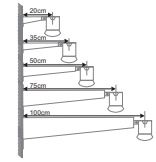
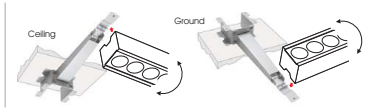
5. Fixed 20 ,35 ,50 ,75 ,100cm Wall Bracket



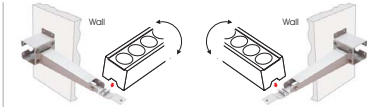


Accessories for other ways of installing 35 ,50 ,75 ,100cm Wall Bracket

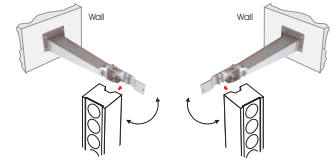
Accessory A



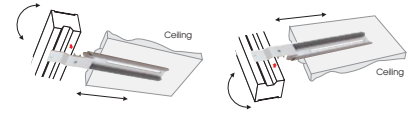
Accessory B



6. Adaptor for Vertical Wall Installation



7. Slide Bracket



8. Antiglare Accessory

9. DMX SET UP Programmer

PRG.001

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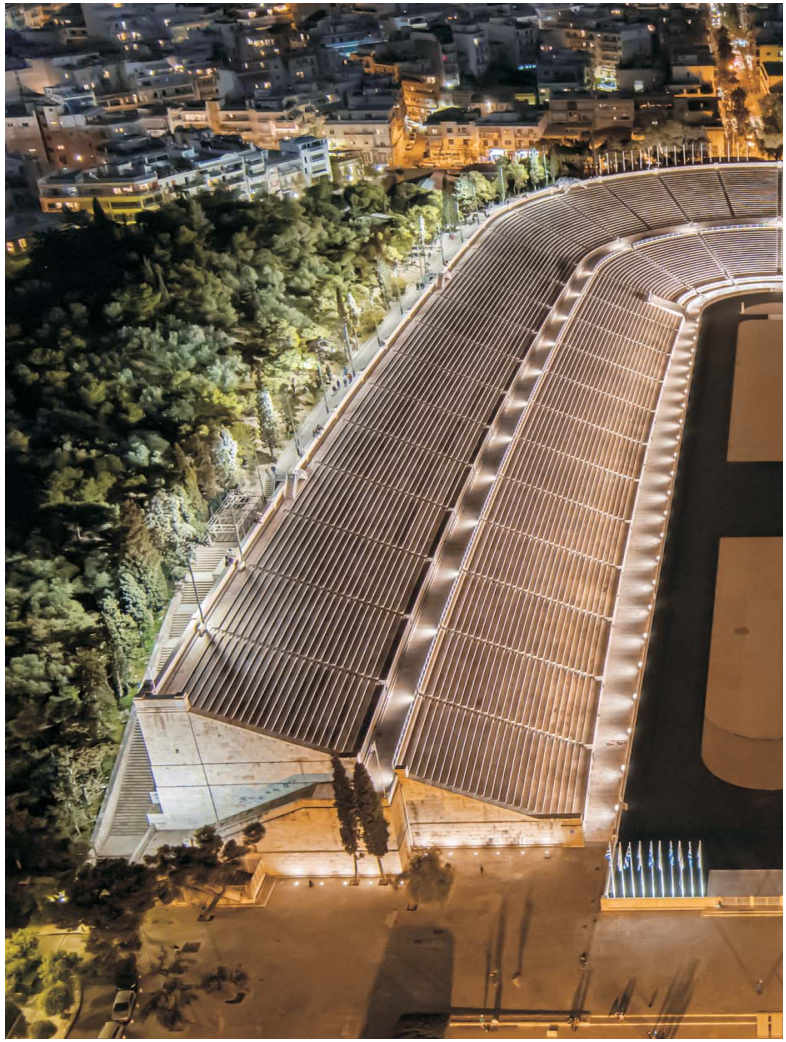

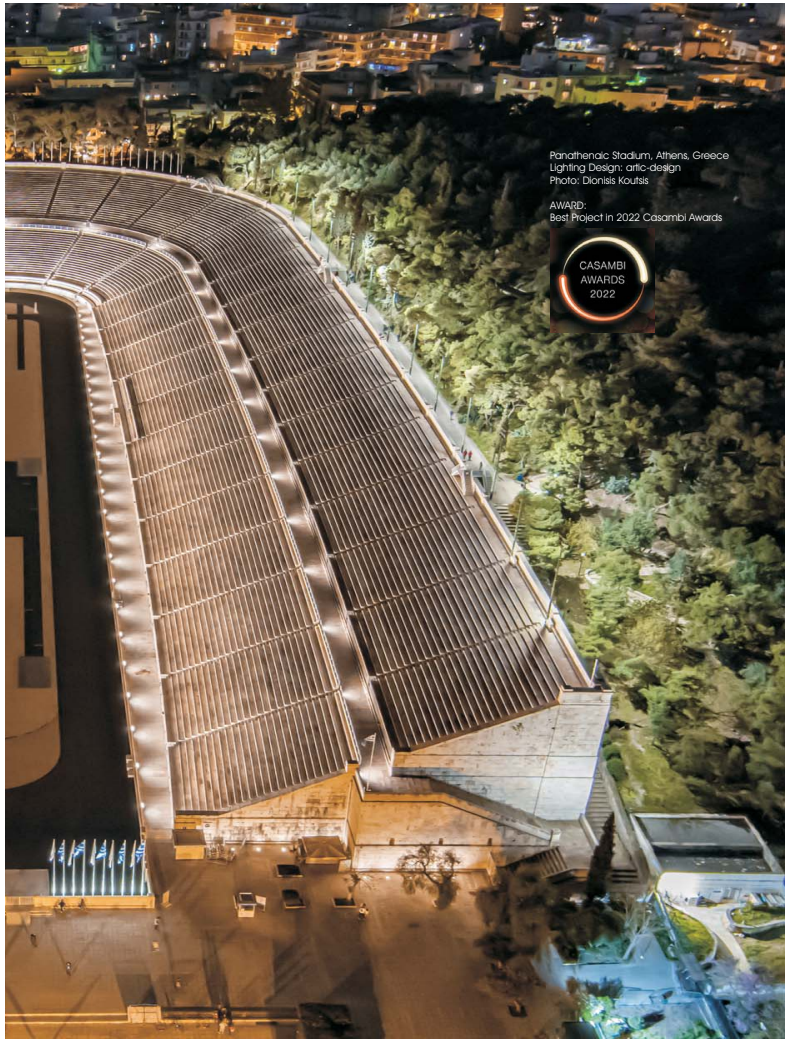

Panathenaic Stadium, Athens, Greece
Lighting Design: artic-design
Photo: Dionisis Koutsis

AWARD:
Best Project in 2022 Casambi Awards

CASAMBI AWARDS 2022

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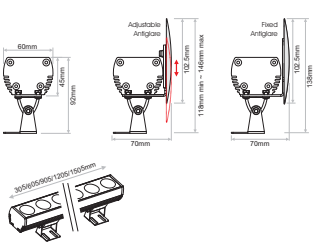
ELEGANT MAX II

Elegant Max II is of Elegant series is a high performance model, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 30.5cm offered in extra version only). It is available upon request in different RAL colours.

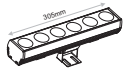
L90/B10 50.000h
for monochromatic models

L70/B10 50.000h
for RGBW models

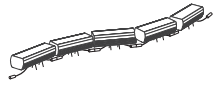


ELEGANT MAX II

ELEGANT MAX II 30.5cm



ELEGANT MAX II 30.5cm



Chain connection with input-output cables (for 30.5cm only in standard version)

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Lighting management options:
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power RGBW 4in1LEDs
Optics:	Monochrome, Tunable White (2in1): 8° Monochrome, Tunable White (2in1), RGBW, RGBA: 12°, 22°, 45°, 60°, 12°x40°, 15°x50°, 15°x80°, 40°x12°, 50°x15°, 80°x15°
Lengths: No. of LEDs 30.5cm / 60.5cm 90.5cm / 120.5cm / 150.5cm:	30.5cm / 60.5cm / 90.5cm / 120.5cm / 150.5cm 6 leds / 12 leds / 18 leds / 24 leds / 30 leds
Pitch:	50 mm (Pitch is maintained between luminaries)
Power supply:	Constant voltage 24VDC
Power:	30.5cm:17.5W / 60.5cm:35W / 90.5cm:52.5W / 120.5cm:70W / 150.5cm:87.5W
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C.

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durabiliy:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

WEATHER RESISTANT

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

IP66

Model	Luminaire Colour*	Colour - CCT		17.5W LED Source	35W LED Source	52.5W LED Source	70W LED Source	87.5W LED Source
ELEGANT MAX II *(ELEGANT MAX II)*	Anodized *(AN)*	2700K-80CRI	*(2780)*	1690lm	3380lm	5070lm	6760lm	8450lm
		2700K-90CRI	*(2790)*	1390lm	2780lm	4170lm	5560lm	6950lm
	Marine Type *(MT)*	3000K-80CRI	*(3080)*	1690lm	3380lm	5070lm	6760lm	8450lm
		3000K-90CRI	*(3090)*	1480lm	2960lm	4440lm	5920lm	7400lm
		4000K-80CRI	*(4080)*	1870lm	3740lm	5610lm	7480lm	9350lm
		4000K-90CRI	*(4090)*	1580lm	3160lm	4740lm	6320lm	7900lm
		5700K-80CRI	*(5780)*	1870lm	3740lm	5610lm	7480lm	9350lm
		5700K-90CRI	*(5790)*	1690lm	3380lm	5070lm	6760lm	8450lm
		RGBW (3000K)	*(RGBW30)*	905lm	1810lm	2715lm	3620lm	4525lm
		RGBW (4000K)	*(RGBW40)*	920lm	1840lm	2760lm	3680lm	4600lm
		RGBA (Amber)	*(RGBA)*	795lm	1590lm	2385lm	3180lm	3975lm
		Tunable WC 2in1	*(WC2**)*	1200lm	2400lm	3600lm	4800lm	6000lm

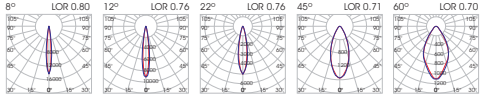
Beam Angle		Watt / Length		Voltage
8°***	*(08)*	17.5W / 30.5cm	*(18W031)*	24VDC *(24)*
12°	*(12)*	35W / 60.5cm	*(35W061)*	
22°	*(22)*	52.5W / 90.5cm	*(53W091)*	
45°	*(45)*	70W / 120.5cm	*(70W121)*	
60°	*(60)*	87.5W / 150.5cm	*(88W151)*	
12°x40°	*(1240)*			
15°x50°	*(1550)*			
15°x80°	*(1580)*			
40°x12°	*(4012)*			
50°x15°	*(5015)*			
80°x15°	*(8015)*			

* Available in RAL colours upon request.
** **WC2:** Tunable 2700K-6500K 2in1
*** 8° only for Monochromatic & Tunable models.

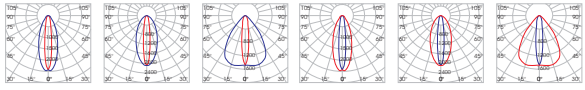
Ordering Code Example: *ELEGANT MAX II-AN-RGBW30-45-70W121-24*

Monochrome / TW — C0 — C90

8° LOR 0.80 | 12° LOR 0.76 | 22° LOR 0.76 | 45° LOR 0.71 | 60° LOR 0.70

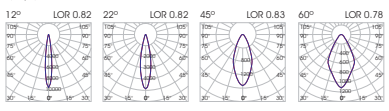


12°x40° LOR 0.82 | 15°x50° LOR 0.74 | 15°x80° LOR 0.85 | 40°x12° LOR 0.82 | 50°x15° LOR 0.74 | 80°x15° LOR 0.85



RGBW / RGBA — C0 — C90

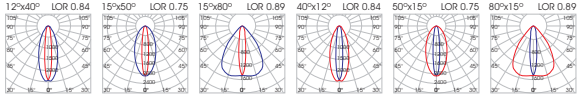
12° LOR 0.82 | 22° LOR 0.82 | 45° LOR 0.83 | 60° LOR 0.78



12°x40°	C0:12°	C90:40°
15°x50°	C0:15°	C90:50°
15°x80°	C0:15°	C90:80°

40°x12°	C0:40°	C90:12°
50°x15°	C0:50°	C90:15°
80°x15°	C0:80°	C90:15°

12°x40° LOR 0.84 | 15°x50° LOR 0.75 | 15°x80° LOR 0.89 | 40°x12° LOR 0.84 | 50°x15° LOR 0.75 | 80°x15° LOR 0.89



Accessories

Ground brackets

Ground bracket INOX-304

INOX-304
(as standard for 60.5/90.5/120.5/150.5cm)

INOX-304
(as standard for 30.5cm)

Ground bracket INOX-316

INOX-316
(as extra for 60.5/90.5/120.5/150.5cm)

INOX-316
(as extra for 30.5cm)

(RAL colours as extra upon request)

Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)

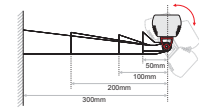
ELG.002 5cm Passivated
ELGW002 5cm White RAL9003 mat
ELGB002 5cm Black RAL 9005 mat

ELG.003 10cm Passivated
ELGW003 10cm White RAL9003 mat
ELGB003 10cm Black RAL 9005 mat

ELG.004 20cm Passivated
ELGW004 20cm White RAL9003 mat
ELGB004 20cm Black RAL 9005 mat

ELG.005 30cm Passivated
ELGW005 30cm White RAL9003 mat
ELGB005 30cm Black RAL 9005 mat

(RAL colours as extra upon request)



Antiglare

Adjustable Antiglare
accessory (as extra)

ELG.039 31cm Anodized
ELGW039 31cm White RAL9003 mat
ELGB039 31cm Black RAL 9005 mat

ELG.041 61cm Anodized
ELGW041 61cm White RAL9003 mat
ELGB041 61cm Black RAL 9005 mat

ELG.135 91cm Anodized
ELGW135 91cm White RAL9003 mat
ELGB135 91cm Black RAL 9005 mat

ELG.136 121cm Anodized
ELGW136 121cm White RAL9003 mat
ELGB136 121cm Black RAL 9005 mat

ELG.137 151cm Anodized
ELGW137 151cm White RAL9003 mat
ELGB137 151cm Black RAL 9005 mat

Fixed Antiglare
accessory (as extra)

ELG.138 31cm Anodized
ELGW138 31cm White RAL9003 mat
ELGB138 31cm Black RAL 9005 mat

ELG.139 61cm Anodized
ELGW139 61cm White RAL9003 mat
ELGB139 61cm Black RAL 9005 mat

ELG.140 91cm Anodized
ELGW140 91cm White RAL9003 mat
ELGB140 91cm Black RAL 9005 mat

ELG.141 121cm Anodized
ELGW141 121cm White RAL9003 mat
ELGB141 121cm Black RAL 9005 mat

ELG.142 151cm Anodized
ELGW142 151cm White RAL9003 mat
ELGB142 151cm Black RAL 9005 mat

Input & Output cables

Input cable with IP connectors
(as standard for 60.5/90.5/120.5/150.5cm)

Input & Output cable with IP connectors
(as extra for 60.5/90.5/120.5/150.5cm)
(as standard for 30.5cm)

Input & Output cable with IP connectors
(30.5cm only available in this version)

Extension cables with connectors IP68

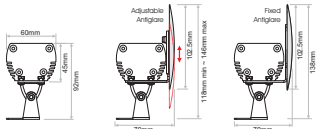
2 pole		3 pole		4 pole		5 pole	
WIR.546	2pole 100cm	**WIR.476**	3pole 100cm	**WIR.482**	4pole 100cm	**WIR.549**	5pole 100cm
WIR.547	2pole 200cm	**WIR.477**	3pole 200cm	**WIR.548**	4pole 200cm	**WIR.485**	5pole 200cm
WIR.480	2pole 300cm	**WIR.478**	3pole 300cm	**WIR.483**	4pole 300cm	**WIR.552**	5pole 300cm
WIR.481	2pole 500cm	**WIR.479**	3pole 500cm	**WIR.484**	4pole 500cm	**WIR.486**	5pole 500cm

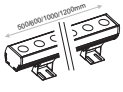
ELEGANT MAX

Elegant Max model of Elegant series, is ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

L90/B10 50.000h
for monochromatic models

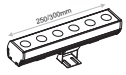
L90/B10 50.000h
for RGB, RGBW, R, G, B models



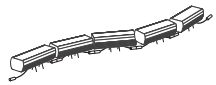


ELEGANT MAX

ELEGANT MAX 25cm & 30cm



ELEGANT MAX 25cm & 30cm



Chain connection with input-output cables (for 25/30cm only in standard version)

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome, Tunable White (1in1), RGB (1in1): 10°, 25°, 45°, 40°x10° (25 & 30cm only available in monochromatic), Tunable white (3in1), RGB (3in1), RGBW (4in1): 25°, 40°x10°
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	Monochrome, Tunable White (1in1), RGB(1in1): 24 leds / 12 leds Tunable White (3in1), RGB (3in1): 72 leds / 36 leds RGBW (4in1): 96 leds / 48 leds
No. of LEDs 25cm & 30cm:	Monochrome: 6 leds
Pitch for 25cm, 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaries)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaries)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 17.5W / 50cm, 60cm: 35W / 100cm, 120cm: 70W
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C.
Weight 25/30/50/60/100/120cm:	0,85 / 1,00 / 1,70 / 2,00 / 3,13 / 3,74kgs (standard models)

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

WEATHER RESISTANT

CREE LEDs

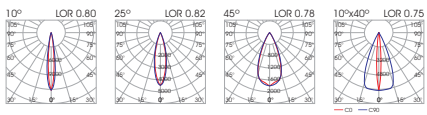
IP66

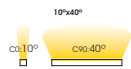
Model	Luminaire Colour**	CCT*** - CRI		17.5W LED Source	35W LED Source	70W LED Source	Beam Angle		Watt / Length***		Voltage
ELEGANT MAX *(ELEGANT MAX)*	Anodized *(AN)*	2700K - 80CRI	*[2780]*	*1690lm*	*3370lm*	*6750lm*	10°	*[10]*	17.5W / 25cm	*(18W025)*	24VDC *(24)*
	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	*1390lm*	*2780lm*	*5560lm*	25°	*[25]*	17.5W / 30cm	*(18W030)*	
		3000K - 80CRI	*[3080]*	*1780lm*	*3560lm*	*7110lm*	45°	*[45]*	35W / 50cm	*(35W050)*	
		3000K - 90CRI	*[3090]*	*1480lm*	*2960lm*	*5930lm*	10°x40°	*[40]*	35W / 60cm	*(35W060)*	
		4000K - 80CRI	*[4080]*	*1870lm*	*3740lm*	*7480lm*			70W / 100cm	*(70W100)*	
		4000K - 90CRI	*[4090]*	*1690lm*	*3370lm*	*6750lm*			70W / 120cm	*(70W120)*	
		5700K - 80CRI	*[5780]*	*1870lm*	*3740lm*	*7480lm*					
		5700K - 90CRI	*[5790]*	*1690lm*	*3370lm*	*6750lm*					
		6500K - 80CRI	*[6580]*	*1870lm*	*3740lm*	*7480lm*					
		Tunable WC 1in1	*[WC1*]*	-	*3560lm*	*7110lm*					
		Tunable WNC 1in1	*[WNC1*]*	-	*2950lm*	*5900lm*					
		Red	*[RD]*	*920lm*	*1840lm*	*3670lm*					
		Green	*[GR]*	*1650lm*	*3300lm*	*6600lm*					
		Blue	*[BL]*	*470lm*	*940lm*	*1870lm*					
		Amber	*[AM]*	*1010lm*	*2030lm*	*4060lm*					
		RGB 1in1	*[RGB1]*	-	*1430lm*	*2850lm*					
		Tunable WNC 3in1	*[WNC3*]*	-	*2700lm*	*5400lm*	25°	*[25]*			
		RGB 3in1	*[RGB3]*	-	*2500lm*	*4990lm*	10°x40°	*[40]*			
		RGBW 4in1	*[RGBW]*	-	*2650lm*	*5310lm*					
		RGBA 4in1	*[RGBA]*	-	*2450lm*	*4890lm*					

***WC1:** Tunable 2700K-6500K 1in1
***WNC1:** Tunable 2700K-4000K-6500K 1in1
***WNC3:** Tunable 2700K-4000K-6500K 3in1

** Available in RAL colours upon request
*** 25cm & 30cm only available monochromatic

Ordering Code Example: *ELEGANT MAX-AN-3090-45-70W100-24*





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ELECTRON

Ground brackets

Ground bracket INOX-304

INOX-304
(as standard for 50/60/100/120cm)

INOX-304
(as standard for 25/30cm)

Ground bracket INOX-316

INOX-316
(as extra for 50/60/100/120cm)

INOX-316
(as extra for 25/30cm)

(RAL colours as extra upon request)

Antiglare

Adjustable Antiglare
accessory (as extra)

ELG.127 25cm Anodized
ELGW127 25cm White RAL9003 mat
ELGB127 25cm Black RAL 9005 mat

ELG.040 30cm Anodized
ELGW040 30cm White RAL9003 mat
ELGB040 30cm Black RAL 9005 mat

ELG.006 50cm Anodized
ELGW006 50cm White RAL9003 mat
ELGB006 50cm Black RAL 9005 mat

ELG.007 60cm Anodized
ELGW007 60cm White RAL9003 mat
ELGB007 60cm Black RAL 9005 mat

ELG.008 100cm Anodized
ELGW008 100cm White RAL9003 mat
ELGB008 100cm Black RAL 9005 mat

ELG.009 120cm Anodized
ELGW009 120cm White RAL9003 mat
ELGB009 120cm Black RAL 9005 mat

Fixed Antiglare
accessory (as extra)

ELG.128 25cm Anodized
ELGW128 25cm White RAL9003 mat
ELGB128 25cm Black RAL 9005 mat

ELG.129 30cm Anodized
ELGW129 30cm White RAL9003 mat
ELGB129 30cm Black RAL 9005 mat

ELG.130 50cm Anodized
ELGW130 50cm White RAL9003 mat
ELGB130 50cm Black RAL 9005 mat

ELG.131 60cm Anodized
ELGW131 60cm White RAL9003 mat
ELGB131 60cm Black RAL 9005 mat

ELG.132 100cm Anodized
ELGW132 100cm White RAL9003 mat
ELGB132 100cm Black RAL 9005 mat

ELG.133 120cm Anodized
ELGW133 120cm White RAL9003 mat
ELGB133 120cm Black RAL 9005 mat

Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)

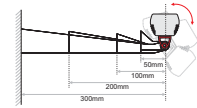
ELG.002 5cm Passivated
ELGW002 5cm White RAL9003 mat
ELGB002 5cm Black RAL 9005 mat

ELG.003 10cm Passivated
ELGW003 10cm White RAL9003 mat
ELGB003 10cm Black RAL 9005 mat

ELG.004 20cm Passivated
ELGW004 20cm White RAL9003 mat
ELGB004 20cm Black RAL 9005 mat

ELG.005 30cm Passivated
ELGW005 30cm White RAL9003 mat
ELGB005 30cm Black RAL 9005 mat

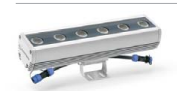
(RAL colours as extra upon request)



Input & Output cables

Input cable with IP connectors
(as standard for 50/60/100/120cm)

Input & Output cable with IP connectors
(as extra for 50/60/100/120cm)
(as standard 25/30cm)



Input & Output cable with IP connectors
(25/30cmcm only available in this version)

Extension cables with connectors IP68

2 pole	3 pole	4 pole	5 pole
WIR.546 2pole 100cm	**WIR.476** 3pole 100cm	**WIR.482** 4pole 100cm	**WIR.549** 5pole 100cm
WIR.547 2pole 200cm	**WIR.477** 3pole 200cm	**WIR.548** 4pole 200cm	**WIR.485** 5pole 200cm
WIR.480 2pole 300cm	**WIR.478** 3pole 300cm	**WIR.483** 4pole 300cm	**WIR.552** 5pole 300cm
WIR.481 2pole 500cm	**WIR.479** 3pole 500cm	**WIR.484** 4pole 500cm	**WIR.486** 5pole 500cm

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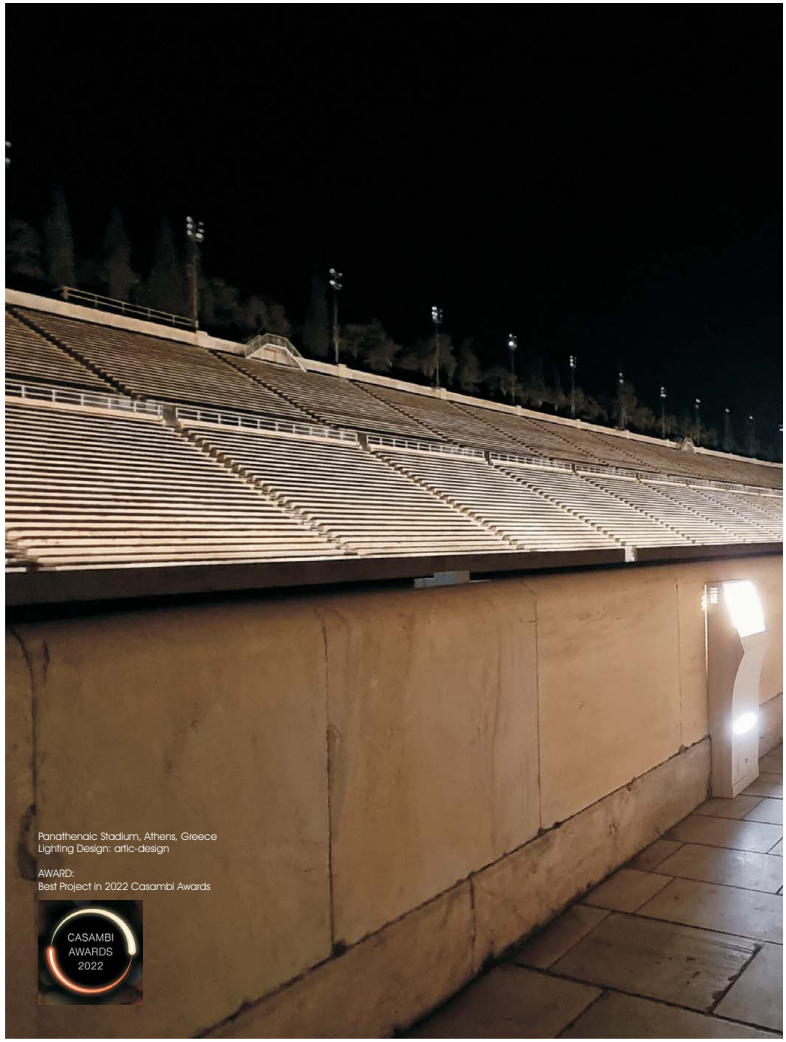
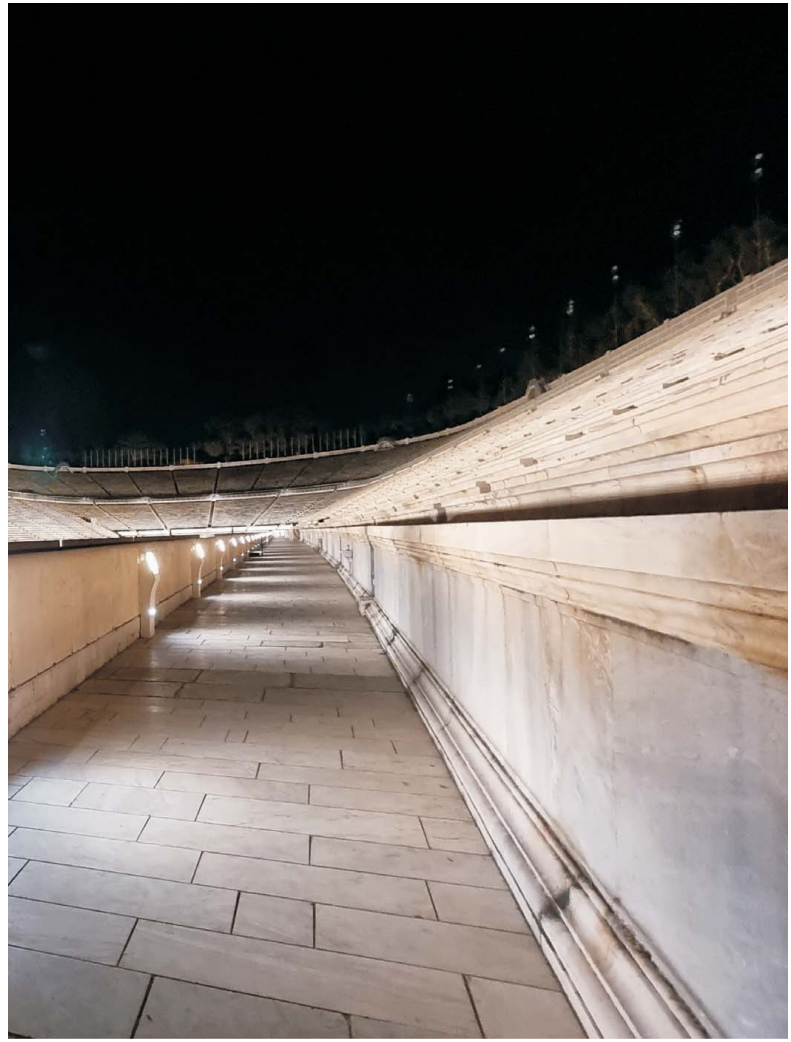


Panathenaic Stadium, Athens, Greece
Lighting Design: artic-design

AWARD:
Best Project in 2022 Casambi Awards



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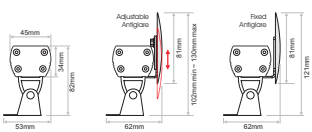
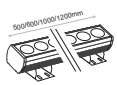
ELEGANT MIDI II

Elegant MIDI II is a high performance model of Elegant series. It is an ideal solution for both indoor and outdoor architectural applications. Its design allows wall washing, thanks to the varying lengths of the wall brackets and the consistent pitch between the luminaires. The inclusion of an antiglare accessory ensures the highest level of glare control. It can be provided with an additional output cable featuring an IP68 connector, in addition to the standard input cable (expect 25-30cm as standard). Elegant is also available in different RAL colors upon request.

L90/B10 50.000h
for monochromatic models

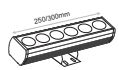
L70/B10 50.000h
for RGBW & TW models



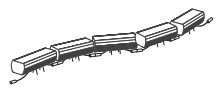


ELEGANT MIDI II

ELEGANT MIDI II 30.5cm



ELEGANT MIDI II 30.5cm



Chain connection with input-output cables (for 30.5cm only in standard version)

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Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted.
LED light source	Samsung LED.
Optics:	Monochrome, RGBW(4in1), RGBA (4in1), TW(2in1): 12°, 25°, 15°x30°, 12°x50°
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs: 25cm,30cm	6 LEDs
No. of LEDs: 50cm,60cm	12 LEDs
No. of LEDs: 100cm,120cm:	24 LEDs
Pitch for 25cm, 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaries).
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaries).
Power Supply	From 24VDC up to 48VDC (depending on the model).
Power:	25cm,30cm: 10W/ 50cm,60cm: 20W/ 100cm, 120cm:40W
Ingress protection:	IP66
Operation Ambient temperature:	-25 C to +50 C .
Weight 25/30/50/60/100/120cm:	0,55/0,65/1,10/1,28 /2,00/ 2,34 kgs (standard models).

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0.
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant,UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durabiliy:	Meets qualicoat class 2 requirements after 3 years Florida. Meets AAMA 2604-13 requirements after 5 years Florida.
High Resistance to:	Weather, UV, Water and mould growth.

WEATHER RESISTANT

Standard Models

LIGHTSOURCE BY SAMSUNG for Monochromatic

IP66

Model	Luminaire Colour*	CCT	CRI	Led Source	Beam Angle	Watt / Length	Voltage
				40W/m			
ELEGANT MIDI II *(ELEGANT MIDI II)*	Anodized *(AN)* Marine Type *(MT)*	2700K	80 *(2780)*	3820lm	12° *(12)*	10W / 25cm *(10W025)*	24VDC *(24)*
		2700K	90 *(2790)*	2970lm	25° *(25)*	10W / 30cm *(10W030)*	
		3000K	80 *(3080)*	3820lm	15°x30° *(1530)*	20W / 50cm *(20W050)*	
		3000K	90 *(3090)*	3250lm	12°x50° *(1250)*	20W / 60cm *(20W060)*	
		4000K	80 *(4080)*	4100lm		40W / 100cm *(40W100)*	
		4000K	90 *(4090)*	3820lm		40W / 120cm *(40W120)*	
		5700K	80 *(5780)*	4385lm			
		TUNABLE WHITE		40W/m			
		TW (2700K+5700K)	90 *(TW90)*	2735lm 1325+1410lm			
		RGBW		40W/m			
		RGBA (AMBER)	*(RGBA)*	1835lm			
		RGBW (3000K)	*(RGBW30)*	2125lm			
		RGBW (4000K)	*(RGBW40)*	2230lm			
		(RED)		410lm			
		(GREEN)		770lm			
		(BLUE)		240lm			
		(AMBER)		415lm			
		(3000K)		705lm			
		(4000K)		810lm			

* Available in RAL colours upon request

Ordering Code Example: ELEGANT MIDI II-AN-3080-1530-20W060-24

High Efficiency Models

LIGHTSOURCE BY SAMSUNG for Monochromatic

IP66

Model	Luminaire Colour*	CCT	CRI	Led Source	Beam Angle	Watt / Length	Voltage**
				40W/m			
ELEGANT MIDI II HE *(ELEGANT MIDI II HE)*	Anodized *(AN)* Marine Type *(MT)*	2700K	80 *(2780)*	4765lm	12° *(12)*	10W / 25cm *(10W025)*	24~48VDC *(2448V)*
		2700K	90 *(2790)*	3710lm	25° *(25)*	10W / 30cm *(10W030)*	
		3000K	80 *(3080)*	4765lm	15°x30° *(1530)*	20W / 50cm *(20W050)*	
		3000K	90 *(3090)*	4060lm	12°x50° *(1250)*	20W / 60cm *(20W060)*	
		4000K	80 *(4080)*	5120lm		40W / 100cm *(40W100)*	
		4000K	90 *(4090)*	4765lm		40W / 120cm *(40W120)*	
		5700K	80 *(5780)*	5470lm			
		TUNABLE WHITE		40W/m			
		TW (2700K+5700K)	90 *(TW90)*	3430lm 1630+1800lm			
		RGBW		40W/m			
		RGBA (AMBER)	*(RGBA)*	2395lm			
		RGBW (3000K)	*(RGBW30)*	2760lm			
		RGBW (4000K)	*(RGBW40)*	2895lm			
		(RED)		530lm			
		(GREEN)		1010lm			
		(BLUE)		320lm			
		(AMBER)		535lm			
		(3000K)		900lm			
		(4000K)		1035lm			

* Available in RAL colours upon request
** Input Voltage from 24VDC up to 48VDC

Ordering Code Example: ELEGANT MIDI II HE-AN-TW90-25-40W120-24

High Efficiency Constant Power Operation Models

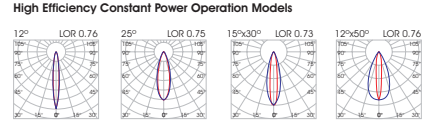
IP66

Model	Luminaire Colour*	CCT	CRI	Led Source	Beam Angle	Watt / Length	Voltage
		TUNABLE WHITE		40W/m			
ELEGANT MIDI II HE CP *(ELEGANT MIDI II HECP)*	Anodized *(AN)* Marine Type *(MT)*	TW (2700K+5700K)	90 *(TW90)*	3455lm 3165+3740lm	12° *(12)*	10W / 25cm *(10W025)*	24VDC *(24V)*
					25° *(25)*	10W / 30cm *(10W030)*	
					15°x30° *(1530)*	20W / 50cm *(20W050)*	
					12°x50° *(1250)*	20W / 60cm *(20W060)*	
		RGBW		40W/m		40W / 100cm *(40W100)*	
		RGBW (3000K)	*(RGBW30)*	2020lm		40W / 120cm *(40W120)*	
		(RED)		1775lm			
		(GREEN)		2880lm			
		(BLUE)		910lm			
		(WHITE)		2520lm			

* Available in RAL colours upon request

Ordering Code Example: ELEGANT MIDI II HECP-AN-TW90-25-40W120-24V

Standard Models
High Efficiency Models
High Efficiency Constant Power Operation Models



Accessories

Ground brackets

Ground bracket INOX-304

INOX-304
(as standard for 50/60/100/120cm)

INOX-304
(as standard for 25/30cmcm)

Ground bracket INOX-316

INOX-316
(as extra for 50/60/100/120cm)

INOX-316
(as extra for 25/30cmcm)

(RAL colours as extra upon request)

Antiglare

Adjustable Antiglare
accessory (as extra)

ELG.120	25cm Anodized
ELGW120	25cm White RAL9003 mat
ELGB120	25cm Black RAL 9005 mat
ELG.038	30cm Anodized
ELGW038	30cm White RAL9003 mat
ELGB038	30cm Black RAL 9005 mat
ELG.010	50cm Anodized
ELGW010	50cm White RAL9003 mat
ELGB010	50cm Black RAL 9005 mat
ELG.011	60cm Anodized
ELGW011	60cm White RAL9003 mat
ELGB011	60cm Black RAL 9005 mat
ELG.012	100cm Anodized
ELGW012	100cm White RAL9003 mat
ELGB012	100cm Black RAL 9005 mat
ELG.013	120cm Anodized
ELGW013	120cm White RAL9003 mat
ELGB013	120cm Black RAL 9005 mat

Fixed Antiglare
accessory (as extra)

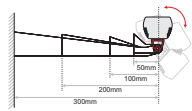
ELG.121	25cm Anodized
ELGW121	25cm White RAL9003 mat
ELGB121	25cm Black RAL 9005 mat
ELG.122	30cm Anodized
ELGW122	30cm White RAL9003 mat
ELGB122	30cm Black RAL 9005 mat
ELG.123	50cm Anodized
ELGW123	50cm White RAL9003 mat
ELGB123	50cm Black RAL 9005 mat
ELG.124	60cm Anodized
ELGW124	60cm White RAL9003 mat
ELGB124	60cm Black RAL 9005 mat
ELG.125	100cm Anodized
ELGW125	100cm White RAL9003 mat
ELGB125	100cm Black RAL 9005 mat
ELG.126	120cm Anodized
ELGW126	120cm White RAL9003 mat
ELGB126	120cm Black RAL 9005 mat

Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)

ELG.002	5cm Passivated
ELGW002	5cm White RAL9003 mat
ELGB002	5cm Black RAL 9005 mat
ELG.003	10cm Passivated
ELGW003	10cm White RAL9003 mat
ELGB003	10cm Black RAL 9005 mat
ELG.004	20cm Passivated
ELGW004	20cm White RAL9003 mat
ELGB004	20cm Black RAL 9005 mat
ELG.005	30cm Passivated
ELGW005	30cm White RAL9003 mat
ELGB005	30cm Black RAL 9005 mat

(RAL colours as extra upon request)



Input & Output cables

Input cable with IP connectors
(as standard for 50/60/100/120cm)

Input & Output cable with IP connectors
(as extra for 50/60/100/120cm)
(as standard for 25/30cmcm)

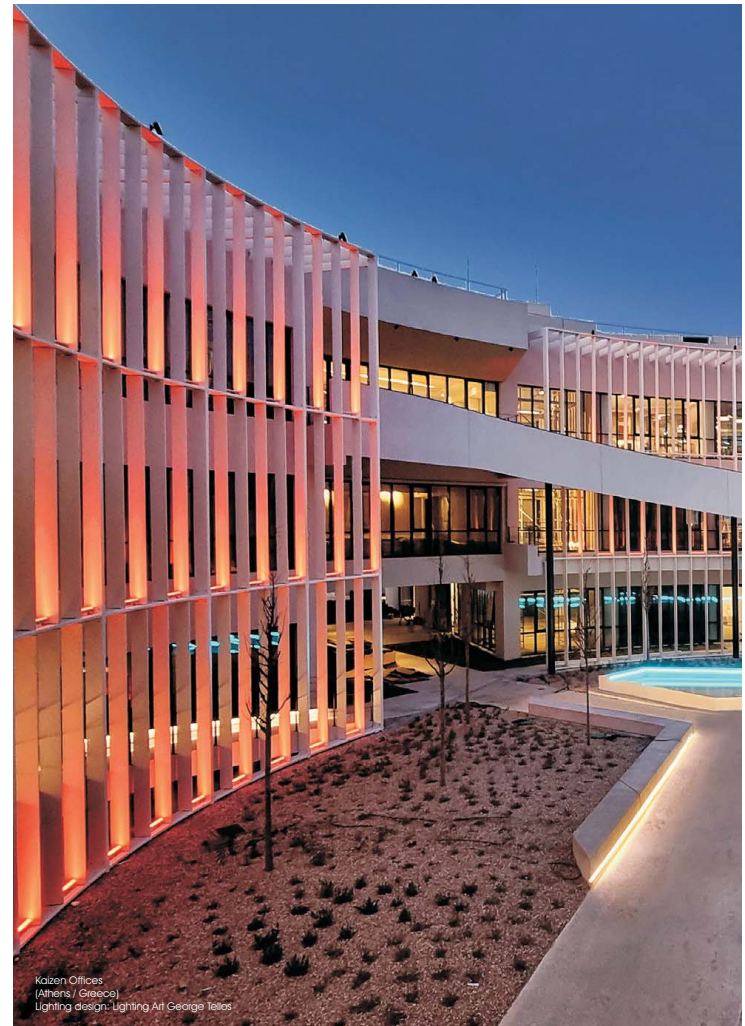
Input cable (for ECO model)
Open wire ends with ferrules
(as standard for ECO model 50/60/100/120cm)

Output cable (for ECO model)
Open wire ends with ferrules
(as extra for ECO model 50/60/100/120cm)

Input & Output cable with IP connectors
(25/30cmcm only available in this version)

Extension cables with connectors IP68

2 pole	3 pole	4 pole	5 pole
WIR.546 2pole 100cm	**WIR.476** 3pole 100cm	**WIR.482** 4pole 100cm	**WIR.549** 5pole 100cm
WIR.547 2pole 200cm	**WIR.477** 3pole 200cm	**WIR.548** 4pole 200cm	**WIR.485** 5pole 200cm
WIR.480 2pole 300cm	**WIR.478** 3pole 300cm	**WIR.483** 4pole 300cm	**WIR.552** 5pole 300cm
WIR.481 2pole 500cm	**WIR.479** 3pole 500cm	**WIR.484** 4pole 500cm	**WIR.486** 5pole 500cm



Kaizen Offices
(Athens / Greece)
Lighting design: Lighting Art George Tellos

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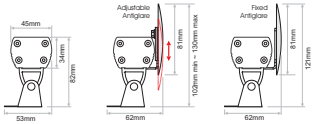
ELEGANT MIDI

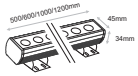
Exterior Linear

Elegant MIDI is in the middle range in performance model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

L90/B10 50.000h
for monochromatic models

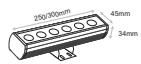
L90/B10 50.000h
for RGB, RGBW, R, G, B models





ELEGANT MIDI

ELEGANT MIDI 25cm & 30cm



ELEGANT MIDI 25cm & 30cm

Chain connection with input-output cables (for 25/30cm only in standard version)

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ELECTRON

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome, Tunable White (1in1), RGB (1in1): 10°, 25°, 45°, 40°x10° (25 & 30cm only available in monochromatic), Tunable white (3in1), RGB (3in1), RGBW (4in1): 25°, 40°x10°
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	Monochrome, Tunable White (1in1), RGB(1in1): 24 leds / 12 leds Tunable White (3in1), RGB (3in1): 72 leds / 36 leds RGBW (4in1): 96 leds / 48 leds
No. of LEDs 25cm & 30cm:	Monochrome: 6 leds
Pitch for 25cm, 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaries)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaries)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 10W / 50cm, 60cm: 20W / 100cm, 120cm: 40W
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C.
Weight 25/30/50/60/100/120cm:	0,55 / 0,65 / 1,10 / 1,28 / 2,00 / 2,34kgs (standard models)

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

WEATHER RESISTANT

CREE LEDs | IP66

Model	Luminaire Colour**	CCT*** - CRI		10W LED Source	20W LED Source	40W LED Source	Beam Angle		Watt / Length***		Voltage
ELEGANT MIDI *(ELEGANT MIDI)*	Anodized *(AN)*	2700K - 80CRI	*[2780]*	*1070lm*	*2130lm*	*4260lm*	10°	*[10]*	10W / 25cm	*(10W025)*	24VDC *(24)*
	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	*880lm*	*1760lm*	*3510lm*	25°	*[25]*	10W / 30cm	*(10W030)*	
		3000K - 80CRI	*[3080]*	*1120lm*	*2250lm*	*4490lm*	45°	*[45]*	20W / 50cm	*(20W050)*	
		3000K - 90CRI	*[3090]*	*940lm*	*1870lm*	*3740lm*	10°x40°	*[40]*	20W / 60cm	*(20W060)*	
		4000K - 80CRI	*[4080]*	*1180lm*	*2360lm*	*4720lm*			40W / 100cm	*(40W100)*	
		4000K - 90CRI	*[4090]*	*1070lm*	*2130lm*	*4260lm*			40W / 120cm	*(40W120)*	
		5700K - 80CRI	*[5780]*	*1180lm*	*2360lm*	*4720lm*					
		5700K - 90CRI	*[5790]*	*1070lm*	*2130lm*	*4260lm*					
		6500K - 80CRI	*[6580]*	*1180lm*	*2360lm*	*4720lm*					
		Tunable WC 1in1	*[WC1*]*	-	*2250lm*	*4490lm*					
		Tunable WNC 1in1	*[WNC1*]*	-	*1690lm*	*3370lm*					
		Red	*[RD]*	*580lm*	*1160lm*	*2320lm*					
		Green	*[GR]*	*1160lm*	*2310lm*	*4620lm*					
		Blue	*[BL]*	*320lm*	*630lm*	*1260lm*					
		Amber	*[AM]*	*660lm*	*1320lm*	*2640lm*					
		RGB 1in1	*[RGB1]*	-	*920lm*	*1840lm*					
		Tunable WNC 3in1	*[WNC3*]*	-	*1900lm*	*3790lm*	25°	*[25]*			
		RGB 3in1	*[RGB3]*	-	*1640lm*	*3280lm*	10°x40°	*[40]*			
		RGBW 4in1	*[RGBW]*	-	*1620lm*	*3230lm*					
		RGBA 4in1	*[RGBA]*	-	*1530lm*	*3050lm*					

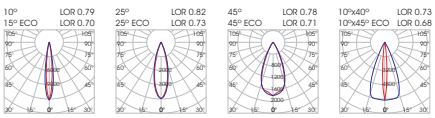
ECO

Model	Luminaire Colour**	CCT - CRI		20W LED Source	40W LED Source	Beam Angle		Watt / Length***		Voltage
ELEGANT MIDI ECO *(ELEGANT MIDI ECO)*	Anodized *(AN)*	2700K - 80CRI	*[2780]*	*2130lm*	*4260lm*	15°	*[15]*	20W / 50cm	*(20W050)*	24VDC *(24)*
	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	*1760lm*	*3510lm*	25°	*[25]*	20W / 60cm	*(20W060)*	
		3000K - 80CRI	*[3080]*	*2250lm*	*4490lm*	45°	*[45]*	40W / 100cm	*(40W100)*	
		3000K - 90CRI	*[3090]*	*1870lm*	*3740lm*	10°x45°	*[40]*	40W / 120cm	*(40W120)*	
		4000K - 80CRI	*[4080]*	*2360lm*	*4720lm*					
		6500K - 80CRI	*[6580]*	*2360lm*	*4720lm*					
		Tunable WC 1in1	*[WC1*]*	*2250lm*	*4490lm*					
		Tunable WNC 1in1	*[WNC1*]*	*1690lm*	*3370lm*					
		Red	*[RD]*	*1160lm*	*2320lm*					
		Green	*[GR]*	*2310lm*	*4620lm*					
		Blue	*[BL]*	*630lm*	*1260lm*					
		Amber	*[AM]*	*1320lm*	*2640lm*					
		RGB 1in1	*[RGB1]*	*920lm*	*1840lm*					
		Tunable WNC 3in1	*[WNC3*]*	*1900lm*	*3790lm*	25°	*[25]*			
		RGB 3in1	*[RGB3]*	*1640lm*	*3280lm*	10°x45°	*[40]*			
		RGBW 4in1	*[RGBW]*	*1620lm*	*3230lm*					

WC1: Tunable 2700K-6500K 1in1
WNC1: Tunable 2700K-4000K-6500K 1in1
WNC3: Tunable 2700K-4000K-6500K 3in1

** Available in RAL colours upon request
*** 25cm & 30cm only available monochromatic

Ordering Code Example: *ELEGANT MIDI-AN-4080-25-40W120-24*



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ELECTRON

Ground brackets

Ground bracket INOX-304

INOX-304
(as standard for 50/60/100/120cm)

INOX-304
(as standard for 25/30cmcm)

Ground bracket INOX-316

INOX-316
(as extra for 50/60/100/120cm)

INOX-316
(as extra for 25/30cmcm)

(RAL colours as extra upon request)

Antiglare

Adjustable Antiglare
accessory (as extra)

ELG.120	25cm Anodized	
ELGW120	25cm White RAL9003 mat	
ELGB120	25cm Black RAL 9005 mat	
ELG.038	30cm Anodized	
ELGW038	30cm White RAL9003 mat	
ELGB038	30cm Black RAL 9005 mat	
ELG.010	50cm Anodized	
ELGW010	50cm White RAL9003 mat	
ELGB010	50cm Black RAL 9005 mat	
ELG.011	60cm Anodized	
ELGW011	60cm White RAL9003 mat	
ELGB011	60cm Black RAL 9005 mat	
ELG.012	100cm Anodized	
ELGW012	100cm White RAL9003 mat	
ELGB012	100cm Black RAL 9005 mat	
ELG.013	120cm Anodized	
ELGW013	120cm White RAL9003 mat	
ELGB013	120cm Black RAL 9005 mat	

Fixed Antiglare
accessory (as extra)

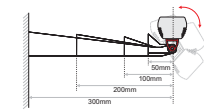
ELG.121	25cm Anodized	
ELGW121	25cm White RAL9003 mat	
ELGB121	25cm Black RAL 9005 mat	
ELG.122	30cm Anodized	
ELGW122	30cm White RAL9003 mat	
ELGB122	30cm Black RAL 9005 mat	
ELG.123	50cm Anodized	
ELGW123	50cm White RAL9003 mat	
ELGB123	50cm Black RAL 9005 mat	
ELG.124	60cm Anodized	
ELGW124	60cm White RAL9003 mat	
ELGB124	60cm Black RAL 9005 mat	
ELG.125	100cm Anodized	
ELGW125	100cm White RAL9003 mat	
ELGB125	100cm Black RAL 9005 mat	
ELG.126	120cm Anodized	
ELGW126	120cm White RAL9003 mat	
ELGB126	120cm Black RAL 9005 mat	

Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)

ELG.002	5cm Passivated	
ELGW002	5cm White RAL9003 mat	
ELGB002	5cm Black RAL 9005 mat	
ELG.003	10cm Passivated	
ELGW003	10cm White RAL9003 mat	
ELGB003	10cm Black RAL 9005 mat	
ELG.004	20cm Passivated	
ELGW004	20cm White RAL9003 mat	
ELGB004	20cm Black RAL 9005 mat	
ELG.005	30cm Passivated	
ELGW005	30cm White RAL9003 mat	
ELGB005	30cm Black RAL 9005 mat	

(RAL colours as extra upon request)



Input & Output cables

Input cable with IP connectors
(as standard for 50/60/100/120cm)

Input & Output cable with IP connectors
(as extra for 50/60/100/120cm)
(as standard for 25/30cmcm)

Input cable (for ECO model)
Open wire ends with ferrules
(as standard for ECO model 50/60/100/120cm)

Output cable (for ECO model)
Open wire ends with ferrules
(as extra for ECO model 50/60/100/120cm)

Input & Output cable with IP connectors
(25/30cmcm only available in this version)

Extension cables with connectors IP68

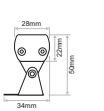
2 pole		3 pole		4 pole		5 pole	
WIR.546	2pole 100cm	**WIR.476**	3pole 100cm	**WIR.482**	4pole 100cm	**WIR.549**	5pole 100cm
WIR.547	2pole 200cm	**WIR.477**	3pole 200cm	**WIR.548**	4pole 200cm	**WIR.485**	5pole 200cm
WIR.480	2pole 300cm	**WIR.478**	3pole 300cm	**WIR.483**	4pole 300cm	**WIR.552**	5pole 300cm
WIR.481	2pole 500cm	**WIR.479**	3pole 500cm	**WIR.484**	4pole 500cm	**WIR.486**	5pole 500cm

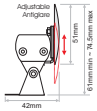
ELEGANT MINI

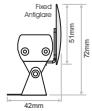
Elegant MINI is the slimmest and lower range in wattage model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

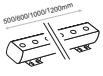
L80/B10 50.000h
for monochromatic models

L90/B10 50.000h
for RGB, R, G, B models



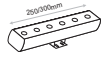




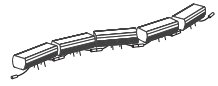


ELEGANT MINI

ELEGANT MINI 25cm & 30cm



ELEGANT MINI 25cm & 30cm



Chain connection with input-output cables (for 25/30cm only in standard version)

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome, Tunable White (1in1), RGB (1in1): 14°, 27°, 49°, 40°x13° (25 & 30cm only available in monochromatic),
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	24 leds / 12 leds
No. of LEDs 25cm & 30cm:	6 leds
Pitch for 25cm, 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaries)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaries)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 6.5W / 50cm, 60cm: 13W / 100cm, 120cm: 26W
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C.
Weight 25/30/50/60/100/120cm:	0,27 / 0,35 / 0,532 / 0,680 / 0,970 / 1,120kgs (standard models)

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar.
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

Accessories Materials:

Ground brackets:	INOX-316 metal parts.
Wall brackets:	INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

WEATHER RESISTANT

CREE LEDs | IP66

Model	Luminaire Colour**	CCT*** - CRI		6.5W LED Source	13W LED Source	26W LED Source	Beam Angle	Watt / Length***	Voltage
ELEGANT MINI *(ELEGANT MINI)*	Anodized *(AN)*	2700K - 80CRI	*[2780]*	510lm	1030lm	2060lm	14° *(14)*	6.5W / 25cm *(07W025)*	24VDC *(24)*
	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	390lm	770lm	1550lm	27° *(27)*	6.5W / 30cm *(07W030)*	
		3000K - 80CRI	*[3080]*	550lm	1090lm	2190lm	49° *(49)*	13W / 50cm *(13W050)*	
		3000K - 90CRI	*[3090]*	420lm	840lm	1680lm	13°x40° *(40)*	13W / 60cm *(13W060)*	
		4000K - 80CRI	*[4080]*	550lm	1090lm	2190lm		26W / 100cm *(26W100)*	
		6500K - 70CRI	*[6570]*	624lm	1250lm	1250lm		26W / 120cm *(26W120)*	
		Tunable WC 1in1	*[WC1*]*	-	1140lm	2280lm			
		Tunable WNC 1in1	*[WNC1*]*	-	1260lm	2530lm			
		Red	*[RD]*	340lm	680lm	1360lm			
		Green	*[GR]*	770lm	1530lm	3070lm			
		Blue	*[BL]*	220lm	440lm	880lm			
		Amber	*[AM]*	420lm	840lm	1680lm			
		RGB 1in1	*[RGB1]*	-	650lm	1290lm			

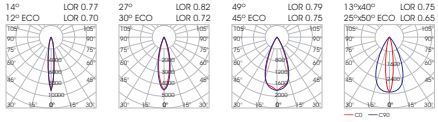
ECO

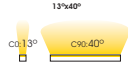
Model	Luminaire Colour**	CCT*** - CRI		6.5W LED Source	13W LED Source	26W LED Source	Beam Angle	Watt / Length***	Voltage
ELEGANT MINI ECO *(ELEGANT MINI ECO)*	Anodized *(AN)*	2700K - 80CRI	*[2780]*	510lm	1030lm	2060lm	12° *(12)*	6.5W / 25cm *(07W025)*	24VDC *(24)*
	Marine Type *(MT)*	2700K - 90CRI	*[2790]*	390lm	770lm	1550lm	30° *(30)*	6.5W / 30cm *(07W030)*	
		3000K - 80CRI	*[3080]*	550lm	1090lm	2190lm	45° *(45)*	13W / 50cm *(13W050)*	
		3000K - 90CRI	*[3090]*	420lm	840lm	1680lm	25°x50° *(50)*	13W / 60cm *(13W060)*	
		4000K - 80CRI	*[4080]*	550lm	1090lm	2190lm		26W / 100cm *(26W100)*	
		6500K - 70CRI	*[6570]*	624lm	1250lm	1250lm		26W / 120cm *(26W120)*	
		Tunable WC 1in1	*[WC1*]*	-	1140lm	2280lm			
		Tunable WNC 1in1	*[WNC1*]*	-	1260lm	2530lm			
		Red	*[RD]*	340lm	680lm	1360lm			
		Green	*[GR]*	770lm	1530lm	3070lm			
		Blue	*[BL]*	220lm	440lm	880lm			
		Amber	*[AM]*	420lm	840lm	1680lm			
		RGB 1in1	*[RGB1]*	-	650lm	1290lm			

***WC1:** Tunable 2700K-6500K 1in1
***WNC1:** Tunable 2700K-4000K-6500K 1in1

** Available in RAL colours upon request
*** 25cm & 30cm only available monochromatic

Ordering Code Example: *ELEGANT MINI-AN-6570-14-13W060-24*





Ground brackets

Ground bracket INOX-304

INOX-304
(as standard for 50/60/100/120cm)

INOX-304
(as standard for 25/30cm)

Ground bracket INOX-316

INOX-316
(as extra for 50/60/100/120cm)

INOX-316
(as extra for 25/30cm)

(RAL colours as extra upon request)

Antiglare

Adjustable Antiglare
accessory (as extra)

ELG.113	25cm Anodized
ELGW113	25cm White RAL9003 mat
ELGB113	25cm Black RAL 9005 mat
ELG.037	30cm Anodized
ELGW037	30cm White RAL9003 mat
ELGB037	30cm Black RAL 9005 mat
ELG.019	50cm Anodized
ELGW019	50cm White RAL9003 mat
ELGB019	50cm Black RAL 9005 mat
ELG.020	60cm Anodized
ELGW020	60cm White RAL9003 mat
ELGB020	60cm Black RAL 9005 mat
ELG.021	100cm Anodized
ELGW021	100cm White RAL9003 mat
ELGB021	100cm Black RAL 9005 mat
ELG.022	120cm Anodized
ELGW022	120cm White RAL9003 mat
ELGB022	120cm Black RAL 9005 mat

Fixed Antiglare
accessory (as extra)

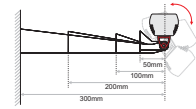
ELG.114	25cm Anodized
ELGW114	25cm White RAL9003 mat
ELGB114	25cm Black RAL 9005 mat
ELG.115	30cm Anodized
ELGW115	30cm White RAL9003 mat
ELGB115	30cm Black RAL 9005 mat
ELG.116	50cm Anodized
ELGW116	50cm White RAL9003 mat
ELGB116	50cm Black RAL 9005 mat
ELG.117	60cm Anodized
ELGW117	60cm White RAL9003 mat
ELGB117	60cm Black RAL 9005 mat
ELG.118	100cm Anodized
ELGW118	100cm White RAL9003 mat
ELGB118	100cm Black RAL 9005 mat
ELG.119	120cm Anodized
ELGW119	120cm White RAL9003 mat
ELGB119	120cm Black RAL 9005 mat

Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)

ELG.015	5cm Passivated
ELGW015	5cm White RAL9003 mat
ELGB015	5cm Black RAL 9005 mat
ELG.016	10cm Passivated
ELGW016	10cm White RAL9003 mat
ELGB016	10cm Black RAL 9005 mat
ELG.017	20cm Passivated
ELGW017	20cm White RAL9003 mat
ELGB017	20cm Black RAL 9005 mat
ELG.018	30cm Passivated
ELGW018	30cm White RAL9003 mat
ELGB018	30cm Black RAL 9005 mat

(RAL colours as extra upon request)



Input & Output cables

Input cable with IP connectors
(as standard for 50/60/100/120cm)

Input & Output cable with IP connectors
(as extra for 50/60/100/120cm)
(as standard for 25/30cmcm)

Input cable (for ECO model)
Open wire ends with ferrules
(as standard for ECO model 50/60/100/120cm)

Input & Output cable with IP connectors
(25/30cm only available in this version)

Extension cables with connectors IP68

2 pole	3 pole	4 pole	5 pole
WIR.546 2pole 100cm	**WIR.476** 3pole 100cm	**WIR.482** 4pole 100cm	**WIR.549** 5pole 100cm
WIR.547 2pole 200cm	**WIR.477** 3pole 200cm	**WIR.548** 4pole 200cm	**WIR.485** 5pole 200cm
WIR.480 2pole 300cm	**WIR.478** 3pole 300cm	**WIR.483** 4pole 300cm	**WIR.552** 5pole 300cm
WIR.481 2pole 500cm	**WIR.479** 3pole 500cm	**WIR.484** 4pole 500cm	**WIR.486** 5pole 500cm

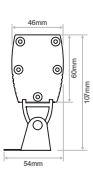
ELEGANT HV

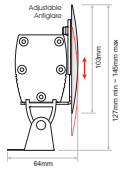
Exterior Linear

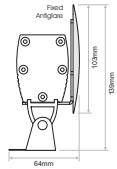
Elegant HV incorporates the power supply in the luminaire itself. It is in the middle range in performance model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector. It is available upon request in different RAL colours.

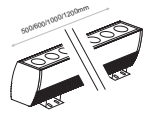
L80/B10 50.000h
for monochromatic models

Power Supply
220-240VAC / 50-60Hz









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Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome: 10°, 25°, 45°, 40°x10°,
Lengths:	50cm, 60cm, 100cm, 120cm
No. of LEDs 100,120cm / 50, 60cm:	24leds / 12leds
Pitch for 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaries)
Pitch for 60cm, 120cm:	50 mm (Pitch is maintained between luminaries)
Power supply:	(for all models of ELEGANT HV) 220-240VAC / 50-60Hz
Power:	50cm, 60cm: 18W/ 100cm, 120cm: 35W
Ingress protection:	IP66
Operation Ambient temperature:	-25ºC to +50ºC.
Weight 50/60/100/120cm:	1,71 / 1,95 / 3,08 / 3,37kgs (standard models)

Materials:

Main body:	Natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorodal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens
Gaskets:	Silicone rubber
Connector:	Nylon 66. Fire resistance V-0
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar
Cable gland:	Nickeled brass. IP68.
Printed circuit:	Insulated metal substrate PCB
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel

Accessories Materials:

Ground brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorodal aluminium EN AW-6060 with INOX-316 metal parts.

Marine Type features:

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly B56-496), En13438 (formerly B56-497:1984) and AAMA 2604.
Exterior Durabiliy:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

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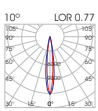
CREE LEDs

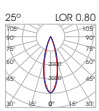
IP66

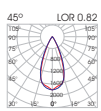
Model	Luminaire Colour*	CCT - CRI	18W LED Source	35W LED Source	Beam Angle	Watt / Length	Dimming Option
ELEGANT HV *(ELEGANT HV)*	Anodized *(AN)*	2700K - 80CRI *(2780)*	2260lm	4390lm	10° *(10)*	18W / 50cm *(18W050)*	Non-Dimmable *(ND)*
	Marine Type *(MT)*	2700K - 90CRI *(2790)*	1860lm	3620lm	25° *(25)*	18W / 60cm *(18W060)*	Analogue (1-10V) *(A1)*
					45° *(45)*	35W / 100cm *(35W100)*	DALI *(DL)*
		3000K - 80CRI *(3080)*	2380lm	4620lm	10°x40° *(40)*	35W / 120cm *(35W120)*	
		3000K - 90CRI *(3090)*	1980lm	3850lm			
		4000K - 80CRI *(4080)*	2500lm	4850lm			
		4000K - 90CRI *(4090)*	2260lm	4390lm			
		5700K - 80CRI *(5780)*	2500lm	4850lm			
		5700K - 90CRI *(5790)*	2260lm	4390lm			
		6500K - 80CRI *(6580)*	2500lm	4850lm			
		Red *(RD)*	1210lm	2350lm			
		Green *(GR)*	2480lm	4820lm			
		Blue *(BL)*	660lm	1290lm			
		Amber *(AM)*	1390lm	2700lm			

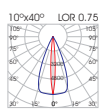
* Available in RAL colours upon request.

Ordering Code Example: *ELEGANT HV-AN-4080-25-35W120-A1*









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Accessories

Ground brackets

Ground bracket INOX-304

INOX-304
(as standard for 50/60/100/120cm)

Ground bracket INOX-316

INOX-316
(as extra for 50/60/100/120cm)

(RAL colours as extra upon request)

Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)

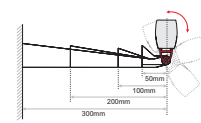
ELG.002 5cm Passivated
ELGW002 5cm White RAL9003 mat
ELGB002 5cm Black RAL 9005 mat

ELG.003 10cm Passivated
ELGW003 10cm White RAL9003 mat
ELGB003 10cm Black RAL 9005 mat

ELG.004 20cm Passivated
ELGW004 20cm White RAL9003 mat
ELGB004 20cm Black RAL 9005 mat

ELG.005 30cm Passivated
ELGW005 30cm White RAL9003 mat
ELGB005 30cm Black RAL 9005 mat

(RAL colours as extra upon request)



Antiglare

Adjustable Antiglare
accessory (as extra)

ELG.023 50cm Anodized
ELGW023 50cm White RAL9003 mat
ELGB023 50cm Black RAL 9005 mat

ELG.024 60cm Anodized
ELGW024 60cm White RAL9003 mat
ELGB024 60cm Black RAL 9005 mat

ELG.025 100cm Anodized
ELGW025 100cm White RAL9003 mat
ELGB025 100cm Black RAL 9005 mat

ELG.026 120cm Anodized
ELGW026 120cm White RAL9003 mat
ELGB026 120cm Black RAL 9005 mat

Fixed Antiglare
accessory (as extra)

ELG.143 50cm Anodized
ELGW143 50cm White RAL9003 mat
ELGB143 50cm Black RAL 9005 mat

ELG.144 60cm Anodized
ELGW144 60cm White RAL9003 mat
ELGB144 60cm Black RAL 9005 mat

ELG.145 100cm Anodized
ELGW145 100cm White RAL9003 mat
ELGB145 100cm Black RAL 9005 mat

ELG.146 120cm Anodized
ELGW146 120cm White RAL9003 mat
ELGB146 120cm Black RAL 9005 mat

Extension cables HV with connectors IP68

3 pole HV		5 pole HV	
WIR.491	3pole HV 100cm	**WIR.495**	5pole HV 100cm
WIR.492	3pole HV 200cm	**WIR.496**	5pole HV 200cm
WIR.493	3pole HV 300cm	**WIR.497**	5pole HV 300cm
WIR.494	3pole HV 500cm	**WIR.498**	5pole HV 500cm

Input & Output cables

Input cable with IP connectors
(as standard for 50/60/100/120cm)

Input & Output cable with IP connectors
(as extra for 50/60/100/120cm)

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a|2 Showroom, Athens, Greece
Architect: Nikos Glios

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OUTLINER 50 IP67

Exterior Linear

Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless IP67

PU (Polyurethane) material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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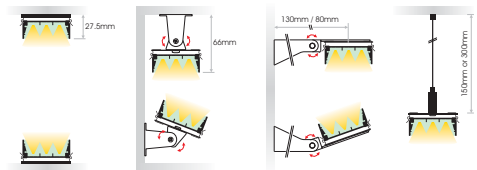
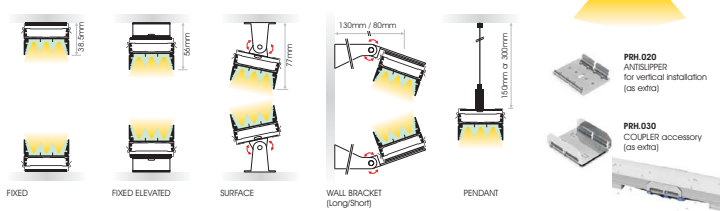
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.020
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.020
ANTISLIPPER
for vertical installation
(as extra)

PRH.030
COUPLER accessory
(as extra)

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

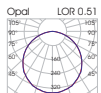
Model*	Luminaire Colour**	CCT	CRI	Watt** / Length	Type	Voltage
OUTLINER 50 IP67 FIXED *(OUTLINER50-67F)* **OUTLINER 50 IP67 SURFACE** *(OUTLINER50-67S)* **OUTLINER 50 IP67 SHORT BRACKET 8cm** *(OUTLINER50-67B1)* **OUTLINER 50 IP67 LONG BRACKET 13cm** *(OUTLINER50-67B2)* **OUTLINER 50 IP67 PENDANT** *(OUTLINER50 67P1)* ***H:150cm*** *(OUTLINER50 67P2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	31.5W / 53cm *(32W053)* 52.5W / 86.3cm *(53W086)* 63W / 103cm *(63W103)* 73.5W / 119.7cm *(74W120)* 94.5W / 153cm *(95W153)* 126W / 203cm *(126W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		40.5W / 53cm *(41W053)* 69.3W / 88.7cm *(69W089)* 81W / 103cm *(81W103)* 98.4W / 124.4cm *(98W124)* 121.5W / 153cm *(122W153)* 162W / 203cm *(162W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		29.1W / 53cm *(29W053)* 46.8W / 83cm *(47W083)* 58.5W / 103cm *(59W103)* 70.2W / 123cm *(70W123)* 87.6W / 153cm *(88W153)* 117W / 203cm *(117W203)*		
		RGB *(RGB96)* 96LED/m		34.5W / 53cm *(35W053)* 60.3W / 90.5cm *(60W091)* 69W / 103cm *(69W103)* 81.9W / 121.7cm *(82W122)* 103.5W / 153cm *(104W153)* 138W / 203cm *(138W203)*		
		RGB *(RGB60)* 60LED/m***		21.6W / 53cm *(22W053)* 34.8W / 83cm *(35W083)* 43.5W / 103cm *(44W103)* 52.2W / 123cm *(52W123)* 65.1W / 153cm *(65W153)* 87W / 203cm *(87W203)*		
		RGB *(RGB30)* 30LED/m***		10.8W / 53cm *(11W053)* 17.1W / 83cm *(17W083)* 21.6W / 103cm *(22W103)* 25.8W / 123cm *(26W123)* 32.4W / 153cm *(32W153)* 43.2W / 203cm *(43W203)*		12VDC *(12)*

* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER50-67B2-AN-4080-53W086-OP-24*

Clear LOR 0.68

Opal LOR 0.51



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ELECTRON

SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

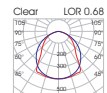
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 50 SEAMLESS IP67 FIXED *(OUTLINER50-67SF)* **OUTLINER 50 SEAMLESS IP67 FIXED ELEVATED** *(OUTLINER50-67SFE)* **OUTLINER 50 SEAMLESS IP67 SURFACE** *(OUTLINER50-67SS)* **OUTLINER 50 SEAMLESS IP67 SHORT BRACKET 6.5cm** *(OUTLINER50-67SB1)* **OUTLINER 50 SEAMLESS IP67 LONG BRACKET 11.5cm** *(OUTLINER50-67SB2)* **OUTLINER 50 SEAMLESS IP67 PENDANT** *(OUTLINER50-67SP1)* ***H:150cm*** *(OUTLINER50-67SP2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	31.5W / 50,3cm *(32W050)* 52.5W / 83,7cm *(53W084)* 63W / 100,3cm *(63W100)* 73.5W / 117cm *(74W117)* 94.5W / 150,3cm *(95W150)* 126W / 200,3cm *(126W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		40.5W / 50,3cm *(41W050)* 69.3W / 86cm *(69W086)* 81W / 100,3cm *(81W100)* 98.4W / 121,7cm *(98W122)* 121.5W / 150,3cm *(122W150)* 162W / 200,3cm *(162W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		29.1W / 50,3cm *(29W050)* 46.8W / 80,3cm *(47W080)* 58.5W / 100,3cm *(59W100)* 70.2W / 120,3cm *(70W120)* 87.6W / 150,3cm *(88W150)* 117W / 200,3cm *(117W200)*		
		RGB *(RGB96)* 96LED/m		34.5W / 50,3cm *(35W050)* 60.3W / 87,8cm *(60W088)* 69W / 100,3cm *(69W100)* 81.9W / 119cm *(82W119)* 103.5W / 150,3cm *(104W150)* 138W / 200,3cm *(138W200)*		
		RGB *(RGB60)* 60LED/m***		21.6W / 50,3cm *(22W050)* 34.8W / 80,3cm *(35W080)* 43.5W / 100,3cm *(44W100)* 52.2W / 120,3cm *(52W120)* 65.1W / 150,3cm *(65W150)* 87W / 200,3cm *(87W200)*		
		RGB *(RGB30)* 30LED/m***		10.8W / 50,3cm *(11W050)* 17.1W / 80,3cm *(17W080)* 21.6W / 100,3cm *(22W100)* 25.8W / 120,3cm *(26W120)* 32.4W / 150,3cm *(32W150)* 43.2W / 200,3cm *(43W200)*		12VDC *(12)*

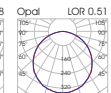
* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER50-67SS-AN-RGB60-52W120-OP-24*

Clear LOR 0.68



Opal LOR 0.51



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OUTLINER 40 IP67

Exterior Linear

Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

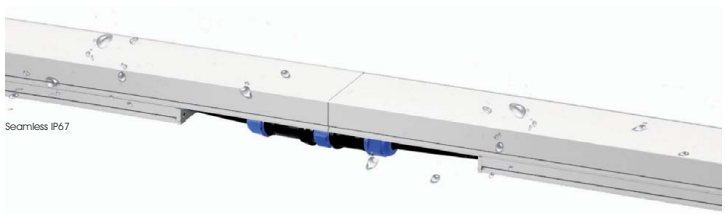
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*



Seamless IP67

PU (Polyurethane) material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and ELV European Directives.
EC – Directives 89/109 Contact with Food.
Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water.
Thermal Shock – Heat - Abrasion
In accordance to: Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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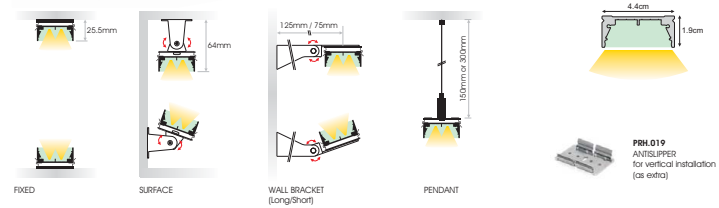
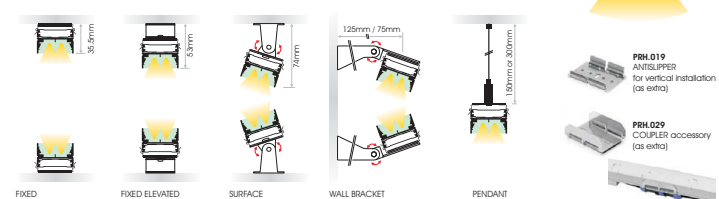
STANDARD



PRH.019
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



PRH.019
ANTISLIPPER
for vertical installation
(as extra)

PRH.029
COUPLER accessory
(as extra)

Connectors

Input cable with IP68 connectors
supplied as standard.

In-Out cables & IP68 connectors
supplied as extra.

Supply connectors for a luminaire array
(as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 40 IP67 FIXED *(OUTLINER40-67F)* **OUTLINER 40 IP67 SURFACE** *(OUTLINER40-67S)* **OUTLINER 40 IP67 SHORT BRACKET 7.5cm** *(OUTLINER40-67B1)* **OUTLINER 40 IP67 LONG BRACKET 12.5cm** *(OUTLINER40-67B2)* **OUTLINER 40 IP67 PENDANT** *(OUTLINER40 67P1)* ***H:150cm*** *(OUTLINER40 67P2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	21W / 53cm *(21W053)* 35W / 86.3cm *(35W086)* 42W / 103cm *(42W103)* 49W / 119.7cm *(49W120)* 63W / 153cm *(63W153)* 84W / 203cm *(84W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 53cm *(27W053)* 46.2W / 88.7cm *(46W089)* 54W / 103cm *(54W103)* 65.6W / 124.4cm *(66W124)* 81W / 153cm *(81W153)* 108W / 203cm *(108W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		19.4W / 53cm *(19W053)* 31.2W / 83cm *(31W083)* 39W / 103cm *(39W103)* 46.8W / 123cm *(47W123)* 58.4W / 153cm *(58W153)* 78W / 203cm *(78W203)*		
		RGB *(RGB96)* 96LED/m		23W / 53cm *(23W053)* 40.2W / 90.5cm *(40W091)* 46W / 103cm *(46W103)* 54.6W / 121.7cm *(55W122)* 69W / 153cm *(69W153)* 92W / 203cm *(92W203)*		
		RGB *(RGB60)* 60LED/m***		14.4W / 53cm *(14W053)* 23.2W / 83cm *(23W083)* 29W / 103cm *(29W103)* 34.8W / 123cm *(35W123)* 43.4W / 153cm *(43W153)* 58W / 203cm *(58W203)*		
		RGB *(RGB30)* 30LED/m***		7.2W / 53cm *(07W053)* 11.4W / 83cm *(11W083)* 14.4W / 103cm *(14W103)* 17.2W / 123cm *(17W123)* 21.6W / 153cm *(22W153)* 28.8W / 203cm *(29W203)*		12VDC *(12)*

* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER40-67B2-AN-RGB60-43W153-OP-24*

Clear LOR 0.71

Opal LOR 0.53

SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

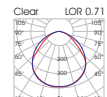
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length***	Type	Voltage
OUTLINER 40 SEAMLESS IP67 FIXED *(OUTLINER40-67SF)* **OUTLINER 40 SEAMLESS IP67 FIXED ELEVATED** *(OUTLINER40-67SFE)* **OUTLINER 40 SEAMLESS IP67 SURFACE** *(OUTLINER40-67SS)* **OUTLINER 40 SEAMLESS IP67 SHORT BRACKET 6.5cm** *(OUTLINER40-67SB1)* **OUTLINER 40 SEAMLESS IP67 LONG BRACKET 11.5cm** *(OUTLINER40-67SB2)* **OUTLINER 40 SEAMLESS IP67 PENDANT** *(OUTLINER40-67SP1)* ***H:150cm*** *(OUTLINER40-67SP2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	21W / 50,3cm *(21W050)* 35W / 83,7cm *(35W084)* 42W / 100,3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150,3cm *(63W150)* 84W / 200,3cm *(84W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt*t / Length*****		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 50,3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100,3cm *(54W100)* 65.6W / 121,7cm *(56W122)* 81W / 150,3cm *(81W150)* 108W / 200,3cm *(108W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m****		19.4W / 50,3cm *(19W050)* 31.2W / 80,3cm *(31W080)* 39W / 100,3cm *(39W100)* 46.8W / 120,3cm *(47W120)* 58.4W / 150,3cm *(58W150)* 78W / 200,3cm *(78W200)*		
		RGB *(RGB96)* 96LED/m		23W / 50,3cm *(23W050)* 40.2W / 87,8cm *(40W088)* 46W / 100,3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150,3cm *(69W150)* 92W / 200,3cm *(92W200)*		
		RGB *(RGB60)* 60LED/m****		14.4W / 50,3cm *(14W050)* 23.2W / 80,3cm *(23W080)* 29W / 100,3cm *(29W100)* 34.8W / 120,3cm *(35W120)* 43.4W / 150,3cm *(43W150)* 58W / 200,3cm *(58W200)*		
		RGB *(RGB30)* 30LED/m****		7.2W / 50,3cm *(07W050)* 11.4W / 80,3cm *(11W080)* 14.4W / 100,3cm *(14W100)* 17.2W / 120,3cm *(17W120)* 21.6W / 150,3cm *(22W150)* 28.8W / 200,3cm *(29W200)*		12VDC *(12)*

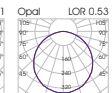
* IP67: Short term immersion protection.
** Available in other colours or/and power upon request.
*** Length without end caps for seamless installation (Add 2mm for each end cap).
****The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER40-67SS-AN-RGB60-35W120-OP-24*

Clear LOR 0.71



Opal LOR 0.53



OUTLINER 40 Recessed IP66

Exterior Linear

Outliner Recessed IP66 series is a custom made linear luminaire series with clear or opal lighting surface. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

RC IP66 / RC Seamless IP66:
- L90/B10>50000 h, 3 Step MacAdam.
- Ingress Protection: IP66

RC IP66:
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

RC Seamless IP66:
- Supplied with input-output cables & IP68 connectors as standard.

L90/B10 50.000h

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Seamless IP66

PU (Polyurethane) material:
Tε- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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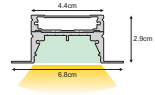
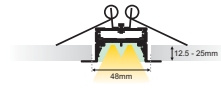
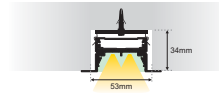
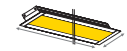




Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
68 x 55,6/88,9/105,6/122,3/155,6/205,6cm
Cutting hole:
48 x 53,6/86,9/103,6/120,3/153,6/203,6cm

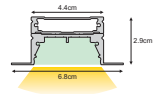
for RGBWW-RGBCW 84LED/m:
68 x 55,6/91,3/105,6/127/155,6/205,6cm
Cutting hole:
48 x 53,6/89,3/103,6/125/153,6/203,6cm

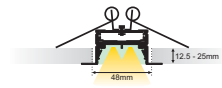
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 55,6/85,6/105,6/125,6/155,6/205,6cm
Cutting hole:
48 x 53,6/83,6/103,6/123,6/153,6/203,6cm

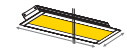
for RGB 96LED/m:
68 x 55,6/93,1/105,6/124,3/155,6/205,6cm
Cutting hole:
48 x 53,6/91,1/103,6/122,3/153,6/203,6cm

Note:
Cutting hole must be 20mm than the luminaire lenght.

SEAMLESS







Dimensions:

for Monochromatic, Tunable White:
68 x 53.3/86.7/103.3/120/153.3/203.3cm
Cutting hole:
48 x 51.3/84.7/101.3/118/151.3/201.3cm

for RGBWW-RGBCW 84LED/m:
68 x 53.3/89/103.3/124.7/153.3/203.3cm
Cutting hole:
48 x 51.3/87/101.3/122.7/151.3/201.3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 53.3/83.3/103.3/123.3/153.3/203.3cm
Cutting hole:
48 x 51.3/81.3/101.3/121.3/151.3/201.3cm

for RGB 96LED/m:
68 x 53.3/90.8/103.3/122/153.3/203.3cm
Cutting hole:
48 x 51.3/88.8/101.3/120/151.3/201.3cm

Note:
Cutting hole must be 20mm shorter than the luminaire lenght.

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP66

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 40 IP66 Recessed *(OUTLINER 40 66RC)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	21W / 55.6cm *(21W056)* 35W / 88.9cm *(35W089)* 42W /105.6cm *(42W106)* 49W /122.3cm *(49W122)* 63W /155.6cm *(63W156)* 84W /205.6cm *(84W206)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	>80 *(80)*	20W / 55.6cm *(20W056)* 33.3W / 88.9cm *(33W089)* 40W /105.6cm *(40W106)* 46.7W /122.3cm *(47W122)* 60W /155.6cm *(60W156)* 80W /205.6cm *(80W206)*

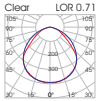
RGBWW / RGBCW / RGB

Colour		Watt / Length***	Voltage
RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	27W / 55.6cm *(27W056)* 46.2W / 91.3cm *(46W091)* 54W /105.6cm *(54W106)* 65.6W / 127cm *(66W127)* 81W /155.6cm *(81W156)* 108W /205.6cm *(108W206)*	24VDC *(24)*
RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	19.4W / 55.6cm *(19W056)* 31.2W / 85.6cm *(31W086)* 39W /105.6cm *(39W106)* 46.8W /125.6cm *(47W126)* 58.4W /155.6cm *(58W156)* 78W /205.6cm *(78W206)*	
RGB 96LED/m	*(RGB96)*	23W / 55.6cm *(23W056)* 40.2W / 93.1cm *(40W093)* 46W /105.6cm *(46W106)* 54.6W /124.3cm *(55W124)* 69W /155.6cm *(69W156)* 92W /205.6cm *(92W206)*	
RGB 60LED/m**	*(RGB60)*	14.4W / 55.6cm *(14W056)* 23.2W / 85.6cm *(23W086)* 29W /105.6cm *(29W106)* 34.8W /125.6cm *(35W126)* 43.4W /155.6cm *(43W156)* 58W /205.6cm *(58W206)*	
RGB 30LED/m**	*(RGB30)*	7.2W / 55.6cm *(07W056)* 11.4W / 85.6cm *(11W086)* 14.4W /105.6cm *(14W106)* 17.2W /125.6cm *(17W126)* 21.6W /155.6cm *(22W156)* 28.8W /205.6cm *(29W206)*	12VDC *(12)*

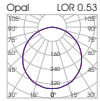
* Available in other colours upon request

** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Clear LOR 0.71



Opal LOR 0.53



Ordering Code Example: *OUTLINER 40 66RC-AN-RGB60-35W126-OP-24*

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SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

IP66

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 40 IP66 Recessed SEAMLESS *(OUTLINER 40 66RCS)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	21W / 50.3cm *(21W050)* 35W / 83.7cm *(35W084)* 42W /100.3cm *(42W100)* 49W / 117cm *(49W117)* 63W /150.3cm *(63W150)* 84W /200.3cm *(84W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	>80 *(80)*	20W / 50.3cm *(20W050)* 33.3W / 83.7cm *(33W084)* 40W /100.3cm *(40W100)* 46.7W / 117cm *(47W117)* 60W /150.3cm *(60W150)* 80W /200.3cm *(80W200)*

RGBWW / RGBCW / RGB

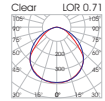
Colour		Watt / Length***	Voltage
RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	27W / 50.3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W /100.3cm *(54W100)* 65.6W /121.7cm *(66W122)* 81W /150.3cm *(81W150)* 108W /200.3cm *(108W200)*	24VDC *(24)*
RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	19.4W / 50.3cm *(19W050)* 31.2W / 80.3cm *(31W080)* 39W /100.3cm *(39W100)* 46.8W /120.3cm *(47W120)* 58.4W /150.3cm *(58W150)* 78W /200.3cm *(78W200)*	
RGB 96LED/m	*(RGB96)*	23W / 50.3cm *(23W050)* 40.2W / 87.8cm *(40W088)* 46W /100.3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W /150.3cm *(69W150)* 92W /200.3cm *(92W200)*	
RGB 60LED/m**	*(RGB60)*	14.4W / 50.3cm *(14W050)* 23.2W / 80.3cm *(23W080)* 29W /100.3cm *(29W100)* 34.8W /120.3cm *(35W120)* 43.4W /150.3cm *(43W150)* 58W /200.3cm *(58W200)*	
RGB 30LED/m**	*(RGB30)*	7.2W / 50.3cm *(07W050)* 11.4W / 80.3cm *(11W080)* 14.4W /100.3cm *(14W100)* 17.2W /120.3cm *(17W120)* 21.6W /150.3cm *(22W150)* 28.8W /200.3cm *(29W200)*	12VDC *(12)*

* Available in other colours upon request.

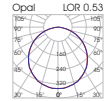
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

*** Length without end caps for seamless installation (Add 15mm for each end cap).

Clear LOR 0.71



Opal LOR 0.53



Ordering Code Example: *OUTLINER 40 66RCS-AN-RGB60-35W120-OP-24*

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OUTLINER 30 IP67

Exterior Linear

Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

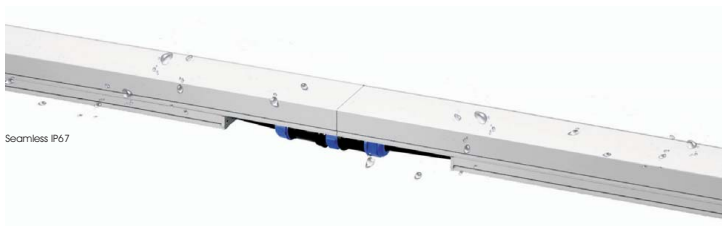
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*



Seamless IP67

PU (Polyurethane) material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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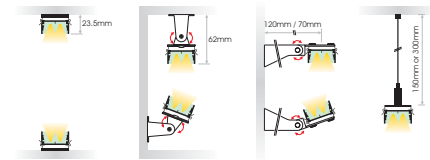
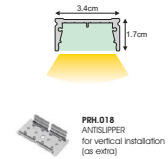
ELECTRON

STANDARD

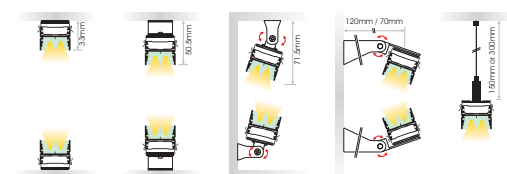


FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

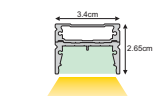


PRH.018
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT



PRH.018
ANTISLIPPER
for vertical installation
(as extra)

PRH.028
COUPLER accessory
(as extra)

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 30 IP67 FIXED *(OUTLINER30-67F)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	21W / 53cm *(21W053)* 35W / 86.3cm *(35W086)* 42W / 103cm *(42W103)* 49W / 119.7cm *(49W120)* 63W / 153cm *(63W153)* 84W / 203cm *(84W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
OUTLINER 30 IP67 SURFACE *(OUTLINER30-67S)*						
OUTLINER 30 IP67 SHORT BRACKET 7cm *(OUTLINER30-67B1)*						
OUTLINER 30 IP67 LONG BRACKET 12cm *(OUTLINER30-67B2)*						
OUTLINER 30 IP67 PENDANT *(OUTLINER30 67P1)* ***H:150cm*** *(OUTLINER30 67P2)* ***H:300cm***						

RGBWW / RGBCW / RGB

Colour	Watt / Length
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m	27W / 53cm *(27W053)* 46.2W / 88.7cm *(46W089)* 54W / 103cm *(54W103)* 65.6W / 124.4cm *(66W124)* 81W / 153cm *(81W153)* 108W / 203cm *(108W203)*
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***	19.4W / 53cm *(19W053)* 31.2W / 83cm *(31W083)* 39W / 103cm *(39W103)* 46.8W / 123cm *(47W123)* 58.4W / 153cm *(58W153)* 78W / 203cm *(78W203)*
RGB *(RGB96)* 96LED/m	23W / 53cm *(23W053)* 40.2W / 90.5cm *(40W091)* 46W / 103cm *(46W103)* 54.6W / 121.7cm *(55W122)* 69W / 153cm *(69W153)* 92W / 203cm *(92W203)*
RGB *(RGB60)* 60LED/m***	14.4W / 53cm *(14W053)* 23.2W / 83cm *(23W083)* 29W / 103cm *(29W103)* 34.8W / 123cm *(35W123)* 43.4W / 153cm *(43W153)* 58W / 203cm *(58W203)*
RGB *(RGB30)* 30LED/m***	7.2W / 53cm *(07W053)* 11.4W / 83cm *(11W083)* 14.4W / 103cm *(14W103)* 17.2W / 123cm *(17W123)* 21.6W / 153cm *(22W153)* 28.8W / 203cm *(29W203)*

12VDC *(12)*

* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER30-67B2-AN-RGB60-43W153-OP-24*

Clear LOR 0.67

Opal LOR 0.51

SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length***	Type	Voltage
OUTLINER 30 SEAMLESS IP67 FIXED *(OUTLINER30-67SF)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	21W / 50,3cm *(21W050)* 35W / 83,7cm *(35W084)* 42W / 100,3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150,3cm *(63W150)* 84W / 200,3cm *(84W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
OUTLINER 30 SEAMLESS IP67 FIXED ELEVATED *(OUTLINER30-67SFE)*						
OUTLINER 30 SEAMLESS IP67 SURFACE *(OUTLINER30-67SS)*						
OUTLINER 30 SEAMLESS IP67 SHORT BRACKET 6.5cm *(OUTLINER30-67SB1)*						
OUTLINER 30 SEAMLESS IP67 LONG BRACKET 11.5cm *(OUTLINER30-67SB2)*						
OUTLINER 30 SEAMLESS IP67 PENDANT *(OUTLINER30-67SP1)* ***H:150cm*** *(OUTLINER30-67SP2)* ***H:300cm***						

RGBWW / RGBCW / RGB

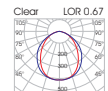
Colour	Watt** / Length***
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m	27W / 50,3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100,3cm *(54W100)* 65.6W / 121,7cm *(66W122)* 81W / 150,3cm *(81W150)* 108W / 200,3cm *(108W200)*
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m****	19.4W / 50,3cm *(19W050)* 31.2W / 80,3cm *(31W080)* 39W / 100,3cm *(39W100)* 46.8W / 120,3cm *(47W120)* 58.4W / 150,3cm *(58W150)* 78W / 200,3cm *(78W200)*
RGB *(RGB96)* 96LED/m	23W / 50,3cm *(23W050)* 40.2W / 87,8cm *(40W088)* 46W / 100,3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150,3cm *(69W150)* 92W / 200,3cm *(92W200)*
RGB *(RGB60)* 60LED/m****	14.4W / 50,3cm *(14W050)* 23.2W / 80,3cm *(23W080)* 29W / 100,3cm *(29W100)* 34.8W / 120,3cm *(35W120)* 43.4W / 150,3cm *(43W150)* 58W / 200,3cm *(58W200)*
RGB *(RGB30)* 30LED/m****	7.2W / 50,3cm *(07W050)* 11.4W / 80,3cm *(11W080)* 14.4W / 100,3cm *(14W100)* 17.2W / 120,3cm *(17W120)* 21.6W / 150,3cm *(22W150)* 28.8W / 200,3cm *(29W200)*

12VDC *(12)*

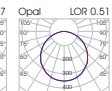
* IP67: Short term immersion protection.
** Available in other colours or/and power upon request.
*** Length without end caps for seamless installation (Add 2mm for each end cap).
****The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER30-67SS-AN-RGB60-35W120-OP-24*

Clear LOR 0.67



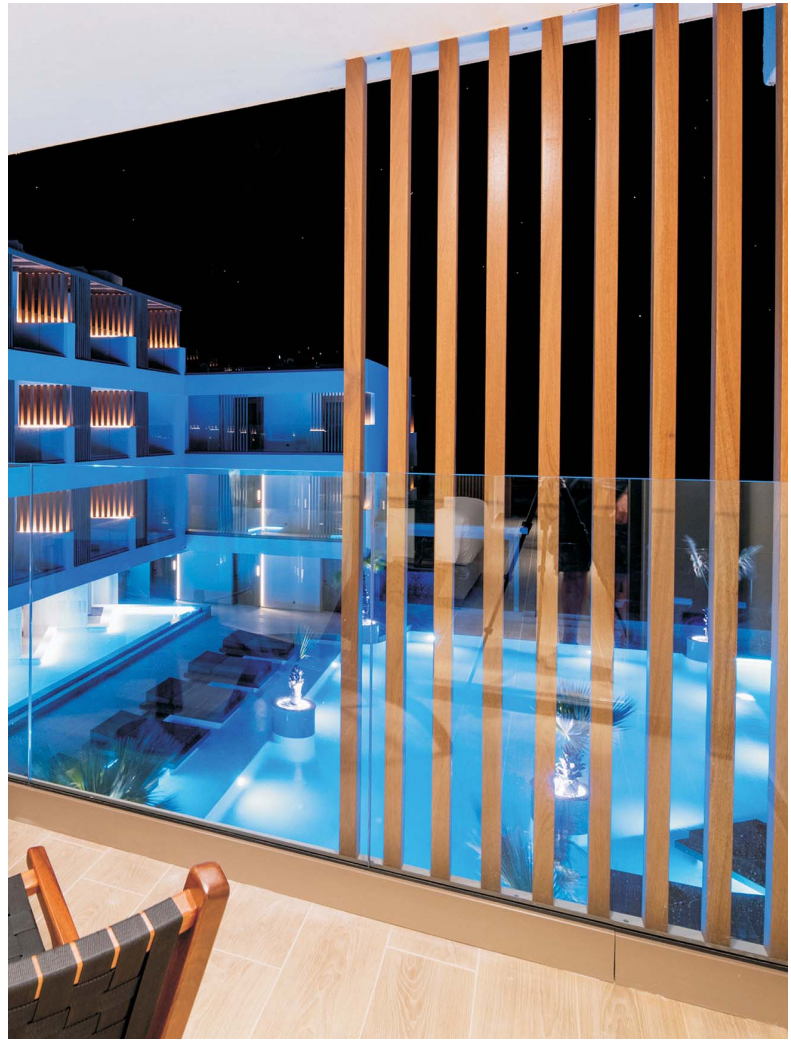
Opal LOR 0.51



Akasha Beach Hotel & Spa
(Heraklelon Crete / Greece)

Architects: schema 4 architects
Photos: Manos Efchetzis

AWARDS:
BIGSEE Interior Design AWARD 2022 Winner



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OUTLINER 20 IP67

Exterior Linear

Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

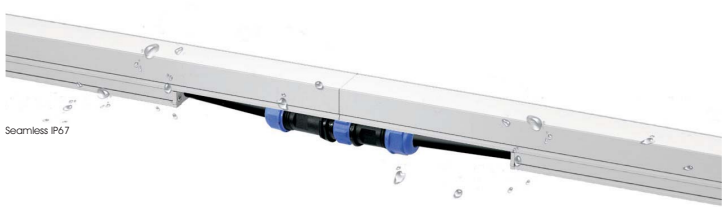
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*



Seamless IP67

PU (Polyurethane) material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

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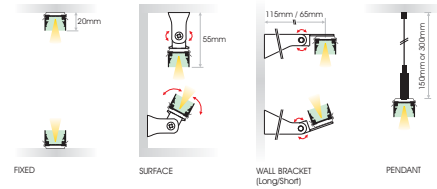
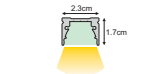
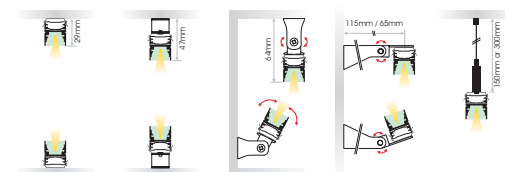
STANDARD

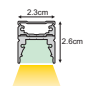




ELA.008
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS





ELA.008
ANTISLIPPER
for vertical installation
(as extra)

PRH.027
COUPLER accessory
(as extra)

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

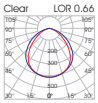
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
OUTLINER 20 IP67 FIXED *(OUTLINER20-67F)* **OUTLINER 20 IP67 SURFACE** *(OUTLINER20-67S)* **OUTLINER 20 IP67 SHORT BRACKET 6.5cm** *(OUTLINER20-67B1)* **OUTLINER 20 IP67 LONG BRACKET 11.5cm** *(OUTLINER20-67B2)* **OUTLINER 20 IP67 PENDANT** *(OUTLINER20 67P1)* ***H:150cm*** *(OUTLINER20 67P2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	10.5W / 53cm *(11W053)* 17.5W / 86.3cm *(18W086)* 21W / 103cm *(21W103)* 24.5W / 119.7cm *(25W120)* 31.5W / 153cm *(32W153)* 42W / 203cm *(42W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 53cm *(14W053)* 23.1W / 88.7cm *(23W089)* 27W / 103cm *(27W103)* 32.8W / 124.4cm *(33W124)* 40.5W / 153cm *(41W153)* 54W / 203cm *(54W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		9.7W / 53cm *(10W053)* 15.6W / 83cm *(16W083)* 19.5W / 103cm *(20W103)* 23.4W / 123cm *(23W123)* 29.2W / 153cm *(29W153)* 39W / 203cm *(39W203)*		
		RGB *(RGB96)* 96LED/m		11.5W / 53cm *(12W053)* 20.1W / 90.5cm *(20W091)* 23W / 103cm *(23W103)* 27.3W / 121.7cm *(27W122)* 34.5W / 153cm *(35W153)* 46W / 203cm *(46W203)*		
		RGB *(RGB60)* 60LED/m***		7.2W / 53cm *(07W053)* 11.6W / 83cm *(12W083)* 14.5W / 103cm *(15W103)* 17.4W / 123cm *(17W123)* 21.7W / 153cm *(22W153)* 29W / 203cm *(29W203)*		
		RGB *(RGB30)* 30LED/m***		3.6W / 53cm *(04W053)* 5.7W / 83cm *(06W083)* 7.2W / 103cm *(07W103)* 8.6W / 123cm *(09W123)* 10.8W / 153cm *(11W153)* 14.4W / 203cm *(14W203)*		12VDC *(12)*

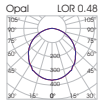
* Short term immersion protection.
** Available in other colours or/and power upon request.
*** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER20 67B2-AN-RGB60-22W153-OP-24*

Clear LOR 0.66



Opal LOR 0.48



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ELECTRON

SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

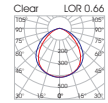
IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length***	Type	Voltage
OUTLINER 20 SEAMLESS IP67 FIXED *(OUTLINER20-67SF)* **OUTLINER 20 SEAMLESS IP67 FIXED ELEVATED** *(OUTLINER20-67SFE)* **OUTLINER 20 SEAMLESS IP67 SURFACE** *(OUTLINER20-67SS)* **OUTLINER 20 SEAMLESS IP67 SHORT BRACKET 6.5cm** *(OUTLINER20-67SB1)* **OUTLINER 20 SEAMLESS IP67 LONG BRACKET 11.5cm** *(OUTLINER20-67SB2)* **OUTLINER 20 SEAMLESS IP67 PENDANT** *(OUTLINER20-67SP1)* ***H:150cm*** *(OUTLINER20-67SP2)* ***H:300cm***	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	10.5W / 50,3cm *(11W050)* 17.5W / 83,7cm *(18W084)* 21W / 100,3cm *(21W100)* 24.5W / 117cm *(25W117)* 31.5W / 150,3cm *(32W150)* 42W / 200,3cm *(42W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt** / Length***		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 50,3cm *(14W050)* 23.1W / 86cm *(23W086)* 27W / 100,3cm *(27W100)* 32.8W / 121,7cm *(33W122)* 40.5W / 150,3cm *(41W150)* 54W / 200,3cm *(54W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m****		9.7W / 50,3cm *(10W050)* 15.6W / 80,3cm *(16W080)* 19.5W / 100,3cm *(20W100)* 23.4W / 120,3cm *(23W120)* 29.2W / 150,3cm *(29W150)* 39W / 200,3cm *(39W200)*		
		RGB *(RGB96)* 96LED/m		11.5W / 50,3cm *(12W050)* 20.1W / 87,8cm *(20W088)* 23W / 100,3cm *(23W100)* 27.3W / 119cm *(27W119)* 34.5W / 150,3cm *(35W150)* 46W / 200,3cm *(46W200)*		
		RGB *(RGB60)* 60LED/m****		7.2W / 50,3cm *(07W050)* 11.6W / 80,3cm *(12W080)* 14.5W / 100,3cm *(15W100)* 17.4W / 120,3cm *(17W120)* 21.7W / 150,3cm *(22W150)* 29W / 200,3cm *(29W200)*		
		RGB *(RGB30)* 30LED/m****		3.6W / 50,3cm *(04W050)* 5.7W / 80,3cm *(06W080)* 7.2W / 100,3cm *(07W100)* 8.6W / 120,3cm *(09W120)* 10.8W / 150,3cm *(11W150)* 14.4W / 200,3cm *(14W200)*		12VDC *(12)*

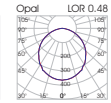
* IP67: Short term immersion protection.
** Available in other colours or/and power upon request.
*** Length without end caps for seamless installation (Add 2mm for each end cap).
****The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER20-67SS-AN-RGB60-17W120-OP-24*

Clear LOR 0.66



Opal LOR 0.48



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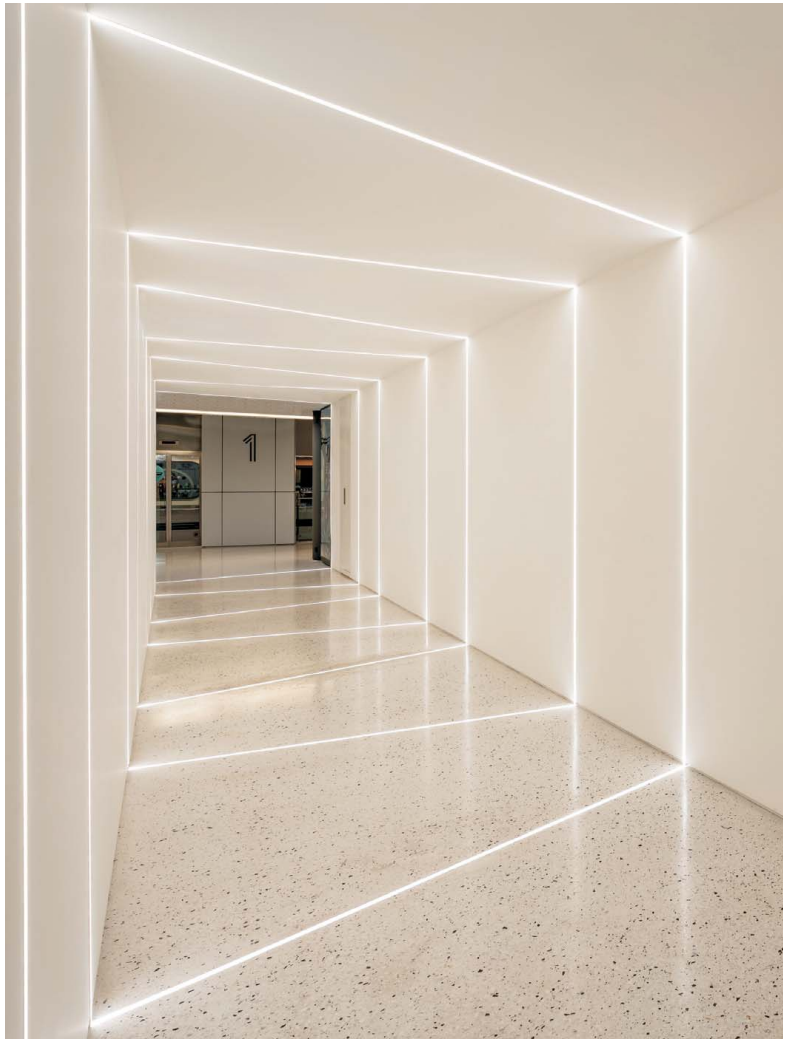

River West Gateway (Athens / Greece)
Lighting Design: Marina Magkara
UDS Architects
Photo: Gavrili Papadiotis

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OUTLINER 20 Recessed IP66

Exterior Linear

Outliner Recessed IP66 series is a custom made linear luminaire series with clear or opal lighting surface. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

RC IP66 / RC Seamless IP66:
- L90/B10>50000 h, 3 Step MacAdam.
- Ingress Protection: IP66

RC IP66:
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

RC Seamless IP66:
- Supplied with input-output cables & IP68 connectors as standard.

L90/B10 50.000h

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Seamless IP66

PU (Polyurethane) material:
Tfl- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives.
	EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water.
	Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
	TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

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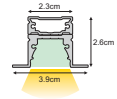
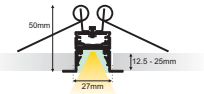
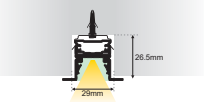
STANDARD

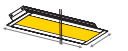




Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
39x54.6/87.9/ 104.6/121.3/154.6/204.6cm
Cutting Hole:
27x53.6/86.9/103.6/120.3/153.6/203.6cm

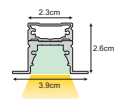
for RGBWW-RGBCW 84LED/m:
39x54.6/90.3/ 104.6/126/154.6/204.6cm
Cutting Hole:
27x53.6/89.3/103.6/125/153.6/203.6cm

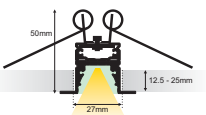
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39x54.6/84.6/ 104.6/124.6/154.6/204.6cm
Cutting Hole:
27x53.6/83.6/103.6/123.6/153.6/203.6cm

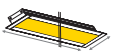
for RGB 96LED/m:
39x54.6/92.1/ 104.6/123.3/154.6/204.6cm
Cutting Hole:
27x53.6/81.1/103.6/122.3/153.6/203.6cm

Note:
Cutting hole must be 10mm shorter than the luminaire lenght.

SEAMLESS







Dimensions:

for Monochromatic, Tunable White:
39x52.3/88.7/ 102.3/119/152.3/202.3cm
Cutting Hole:
27x51.3/87.7/101.3/118/151.3/201.3cm

for RGBWW-RGBCW 84LED/m:
39x52.3/88/102.3/123.7/152.3/202.3cm
Cutting Hole:
27x51.3/87/101.3/122.7/151.3/201.3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39x52.3/82.3/102.3/122.3/152.3/202.3cm
Cutting Hole:
27x51.3/81.3/101.3/121.3/151.3/201.3cm

for RGB 96LED/m:
39x52.3/89.8/102.3/121/152.3/202.3cm
Cutting Hole:
27x51.3/88.8/101.3/120/151.3/201.3cm

Note:
Cutting hole must be 10mm shorter than the luminaire lenght.

Connectors

Input cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP66

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length	Type	Voltage
OUTLINER 20 IP66 Recessed *(OUTLINER 20 66RC)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥ 80 *(80)*	10.5W / 54.6cm *(11W055)* 17.5W / 87.9cm *(18W088)* 21W / 104.6cm *(21W105)* 24.5W / 121.3cm *(25W121)* 31.5W / 154.6cm *(32W155)* 42W / 204.6cm *(42W205)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length		
Tunable White 2700K~5700K *(TW)*	≥ 80 *(80)*	10W / 54.6cm *(10W055)* 16.7W / 87.9cm *(17W088)* 20W / 104.6cm *(20W105)* 23.4W / 121.3cm *(23W121)* 30W / 154.6cm *(30W155)* 40W / 204.6cm *(40W205)*		

RGBWW / RGBCW / RGB

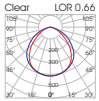
Colour		Watt / Length		
RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	13.5W / 54.6cm *(14W055)* 23.1W / 90.3cm *(23W090)* 27W / 104.6cm *(27W105)* 32.8W / 126cm *(33W126)* 40.5W / 154.6cm *(41W155)* 54W / 204.6cm *(54W205)*		
RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	9.7W / 54.6cm *(10W055)* 15.6W / 84.6cm *(16W085)* 19.5W / 104.6cm *(20W105)* 23.4W / 124.6cm *(23W125)* 29.2W / 154.6cm *(29W155)* 39W / 204.6cm *(39W205)*		
RGB 96LED/m	*(RGB96)*	11.5W / 54.6cm *(12W055)* 20.1W / 92.1cm *(20W092)* 23W / 104.6cm *(23W105)* 27.3W / 123.3cm *(27W123)* 34.5W / 154.6cm *(35W155)* 46W / 204.6cm *(46W205)*		
RGB 60LED/m**	*(RGB60)*	7.2W / 54.6cm *(07W055)* 11.6W / 84.6cm *(12W085)* 14.5W / 104.6cm *(15W105)* 17.4W / 124.6cm *(17W125)* 21.7W / 154.6cm *(22W155)* 29W / 204.6cm *(29W205)*		
RGB 30LED/m**	*(RGB30)*	3.6W / 54.6cm *(04W055)* 5.7W / 84.6cm *(06W085)* 7.2W / 104.6cm *(07W105)* 8.6W / 124.6cm *(09W125)* 10.8W / 154.6cm *(11W155)* 14.4W / 204.6cm *(14W205)*		12VDC *(12)*

* Available in other colours upon request

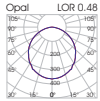
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER 20 66RC-AN-RGB60-17W125-OP-24*

Clear LOR 0.66



Opal LOR 0.48



SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

IP66

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 20 IP66 Recessed SEAMLESS *(OUTLINER 20 66RCS)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥ 80 *(80)*	10.5W / 50.3cm *(11W050)* 17.5W / 83.7cm *(18W084)* 21W / 100.3cm *(21W100)* 24.5W / 117cm *(25W117)* 31.5W / 150.3cm *(32W150)* 42W / 200.3cm *(42W200)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***		
Tunable White 2700K~5700K *(TW)*	≥ 80 *(80)*	10W / 50.3cm *(10W050)* 16.7W / 83.7cm *(17W084)* 20W / 100.3cm *(20W100)* 23.4W / 117cm *(23W117)* 30W / 150.3cm *(30W150)* 40W / 200.3cm *(40W200)*		

RGBWW / RGBCW / RGB

Colour		Watt / Length***		
RGBWW RGBCW 84LED/m	*(RGBWW)* *(RGBCW)*	13.5W / 50.3cm *(14W050)* 23.1W / 86cm *(23W086)* 27W / 100.3cm *(27W100)* 32.8W / 121.7cm *(33W122)* 40.5W / 150.3cm *(41W150)* 54W / 200.3cm *(54W200)*		
RGBWW RGBCW 60LED/m**	*(RGBWW)* *(RGBCW)*	9.7W / 50.3cm *(10W050)* 15.6W / 80.3cm *(16W080)* 19.5W / 100.3cm *(20W100)* 23.4W / 120.3cm *(23W120)* 29.2W / 150.3cm *(29W150)* 39W / 200.3cm *(39W200)*		
RGB 96LED/m	*(RGB96)*	11.5W / 50.3cm *(12W050)* 20.1W / 87.8cm *(20W088)* 23W / 100.3cm *(23W100)* 27.3W / 119cm *(27W119)* 34.5W / 150.3cm *(35W150)* 46W / 200.3cm *(46W200)*		
RGB 60LED/m**	*(RGB60)*	7.2W / 50.3cm *(07W050)* 11.6W / 80.3cm *(12W080)* 14.5W / 100.3cm *(15W100)* 17.4W / 120.3cm *(17W120)* 21.7W / 150.3cm *(22W150)* 29W / 200.3cm *(29W200)*		
RGB 30LED/m**	*(RGB30)*	3.6W / 50.3cm *(04W050)* 5.7W / 80.3cm *(06W080)* 7.2W / 100.3cm *(07W100)* 8.6W / 120.3cm *(09W120)* 10.8W / 150.3cm *(11W150)* 14.4W / 200.3cm *(14W200)*		12VDC *(12)*

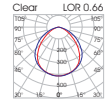
* Available in other colours upon request.

** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

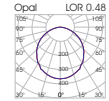
*** Length without end caps for seamless installation (Add 15mm for each end cap).

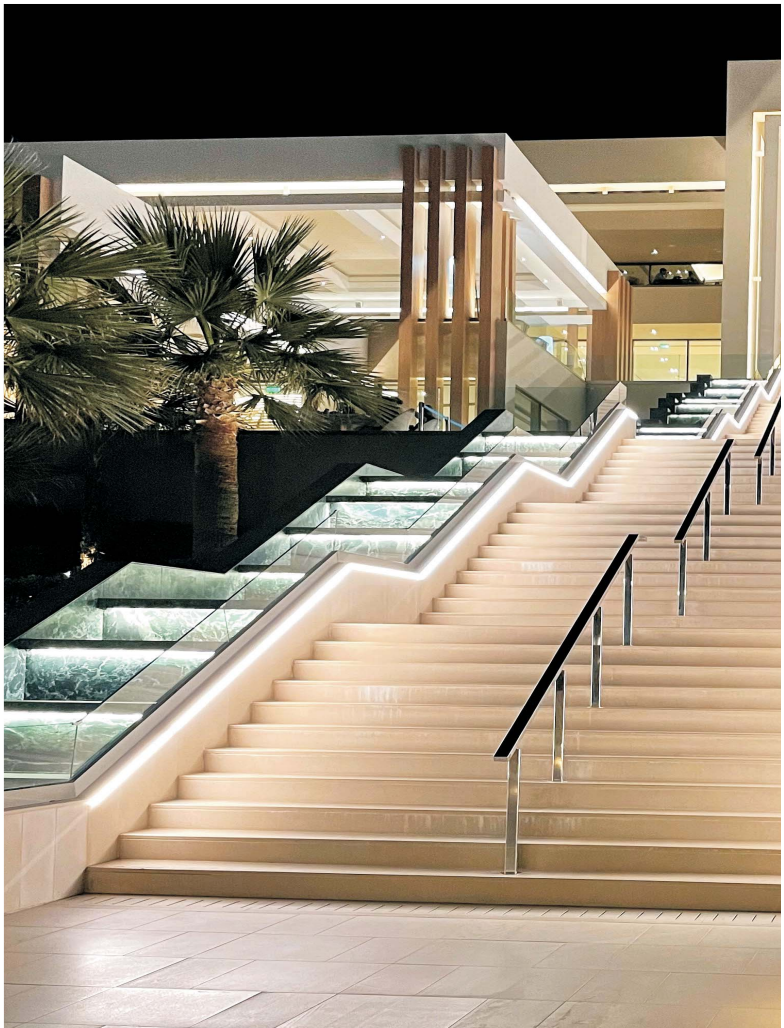
Ordering Code Example: *OUTLINER 20 66RCS-AN-RGB60-17W120-OP-24*

Clear LOR 0.66



Opal LOR 0.48





Mayia Exclusive Resort & Spa, Rhodes, Greece

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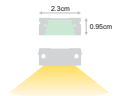
ELECSIA IP67

- ELECSIA IP67 is a custom made linear luminaire available in standard and custom lengths upon request.
- Ensures uniformity and colour consistency of the lighting output.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options (fixed, surface or pendant).
- Long & Short bracket accessory for wall installation.
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67



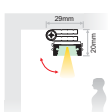
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

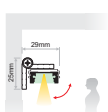
Available upon request:

√ *Custom dimensions*
√ *Custom luminaire colours*

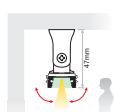
FIXED Installation



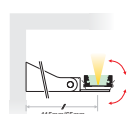
SURFACE A Installation



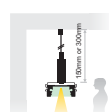
SURFACE B Installation



SURFACE C Installation



WALL BRACKET
(Long/Short) Installation



PENDANT Installation

ELA.008
Antislipper for vertical installation (as extra)

Input cable with IP68 connectors (as standard)

Input & Output cables with IP68 connector (as extra)

PU (Polyurethane) material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and ELV European Directives.
EC – Directives 89/109 Contact with Food.
Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water.
Thermal Shock – Heat - Abrasion
In accordance to: Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

Model*	Luminaire Colour**	Colour Temperature	CRI	Watt / Length	Type	Voltage
ELECSIA IP67 FIXED *(ELECSIA 67F)*	Anodized *(AN)*	2000K *(20)*	>80 *(80)*	10.5W / 53cm *(11W053)*	Clear *(CL)*	24VDC *(24)*
ELECSIA IP67 SURFACE A *(ELECSIA 67SA)*	Marine Type *(MT)*	2500K *(25)*		17.5W / 86.3cm *(18W086)*	Opal *(OP)*	
ELECSIA IP67 SURFACE B *(ELECSIA 67SB)*		2700K *(27)*		21W / 103cm *(21W103)*		
ELECSIA IP67 SURFACE C *(ELECSIA 67SC)*		3000K *(30)*		24.5W / 119.7cm *(25W120)*		
ELECSIA IP67 SHORT BRACKET 6.5cm *(ELECSIA 67B1)*		4000K *(40)*		31.5W / 153cm *(32W153)*		
ELECSIA IP67 LONG BRACKET 11.5cm *(ELECSIA 67B2)*		5700K *(57)*		42W / 203cm *(42W203)*		
ELECSIA IP67 PENDANT *(ELECSIA 67P1)* ***H:150cm*** *(ELECSIA 67P2)* ***H:300cm***		*RGBWW / RGBCW / RGB*				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 53cm *(14W053)*		
				23.1W / 88.7cm *(23W089)*		
				27W / 103cm *(27W103)*		
				32.8W / 124.4cm *(33W124)*		
				40.5W / 153cm *(41W153)*		
				54W / 203cm *(54W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		9.7W / 53cm *(10W053)*		
				15.6W / 83cm *(16W083)*		
				19.5W / 103cm *(20W103)*		
				23.4W / 123cm *(23W123)*		
				29.2W / 153cm *(29W153)*		
				39W / 203cm *(39W203)*		
		RGB *(RGB96)* 96LED/m		11.5W / 53cm *(12W053)*		
				20.1W / 90.5cm *(20W091)*		
				23W / 103cm *(23W103)*		
				27.3W / 121.7cm *(27W122)*		
				34.5W / 153cm *(35W153)*		
				46W / 203cm *(46W203)*		
		RGB *(RGB60)* 60LED/m***		7.2W / 53cm *(07W053)*		
				11.6W / 83cm *(12W083)*		
				14.5W / 103cm *(15W103)*		
				17.4W / 123cm *(17W123)*		
				21.7W / 153cm *(22W153)*		
				29W / 203cm *(29W203)*		
		RGB *(RGB30)* 30LED/m***		3.6W / 53cm *(04W053)*		12VDC *(12)*
				5.7W / 83cm *(06W083)*		
				7.2W / 103cm *(07W103)*		
				8.6W / 123cm *(09W123)*		
				10.8W / 153cm *(11W153)*		
				14.4W / 203cm *(14W203)*		

* Short term immersion protection.
** Available in other colours or/and power upon request.

Ordering Code Example: *ELECSIA 67B2-AN-RGB60-22W153-OP-24*

LUMITUBE IP67 / IP68

Exterior Linear

Lumitube is an ultimate solution for exceptional lighting in any environment. For standard lengths or as custom made solution, Lumitube delivers outstanding performance, making it ideal for both IP67 and IP68 applications. Engineered with the highest-quality materials, Lumitube blends functionality with aesthetic appeal with the use of antiglare accessory, ensuring a visually pleasing result.

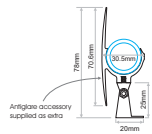
- Cable Gland & End Cap components: Nickel plated brass for IP67 and INOX-316 for IP68.
- Tube material: Transparent PMMA.
- Ingress Protection: Available in IP67 and IP68.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

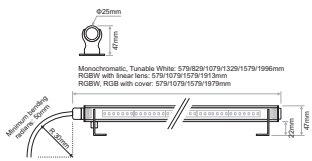
L90/B10 50.000h

Available upon request:

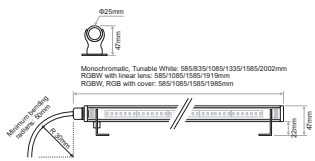
✓ *Custom dimensions*



IP67



IP68



LUMITUBE IP67

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

Model	Colour Temperature		CRI	Beam Angle		Watt / Length		Voltage
LUMITUBE IP67* *(LUMITUBE IP67)*	2000K	*(20)*	80+ *(80)*	16° Linear lens	*(16L)*	10.5W / 57.9cm	*(11W058)*	24VDC *(24)*
	2500K	*(25)*		35° Linear lens	*(35L)*	15.8W / 82.9cm	*(16W083)*	
	2700K	*(27)*		55° Linear lens	*(55L)*	21W / 107.9cm	*(21W108)*	
	3000K	*(30)*		100° Frosted Cover	*(100F)*	26.3W / 132.9cm	*(26W133)*	
	4000K	*(40)*		100° Clear Cover	*(100C)*	31.5W / 157.9cm	*(32W158)*	
	5700K	*(57)*		110° Milky Cover	*(110M)*	40.3W / 199.6cm	*(40W200)*	
	TUNABLE WHITE		80+ *(80)*	16° Linear lens	*(16L)*	10W / 57.9cm	*(10W058)*	
	Tunable White 2700K~5700K	*(TW)*		35° Linear lens	*(35L)*	15W / 82.9cm	*(15W083)*	
				55° Linear lens	*(55L)*	20W / 107.9cm	*(20W108)*	
				100° Frosted Cover	*(100F)*	25W / 132.9cm	*(25W133)*	
				100° Clear Cover	*(100C)*	30W / 157.9cm	*(30W158)*	
				110° Milky Cover	*(110M)*	38.3W / 199.6cm	*(38W200)*	
	RGBW			16° Linear lens	*(16L)*	7.5W / 57.9cm	*(08W058)*	
	RGBW with linear lens	*(RGBW)*		35° Linear lens	*(35L)*	15W / 107.9cm	*(15W108)*	
				55° Linear lens	*(55L)*	22.5W / 157.9cm	*(23W158)*	
						27.5W / 191.3cm	*(28W191)*	
	RGBW			100° Frosted Cover	*(100F)*	9.8W / 57.9cm	*(10W058)*	
	RGBW with cover	*(RGBW)*		100° Clear Cover	*(100C)*	19.5W / 107.9cm	*(20W108)*	
				110° Milky Cover	*(110M)*	29.5W / 157.9cm	*(30W158)*	
						37.1W / 197.9cm	*(37W198)*	
	RGB			100° Frosted Cover	*(100F)*	7.3W / 57.9cm	*(07W058)*	
	RGB with cover	*(RGB)*		100° Clear Cover	*(100C)*	14.5W / 107.9cm	*(15W108)*	
				110° Milky Cover	*(110M)*	21.8W / 157.9cm	*(22W158)*	
						27.6W / 197.9cm	*(28W198)*	

* IP67: Short term immersion protection

Ordering Code Example:
LUMITUBE IP67-TW-80-100C-15W083-24

LUMITUBE IP68

HIGH SOURCE BY NICHIA for Monochromatic

IP68

Model	Colour Temperature	CRI	Beam Angle	Watt / Length	Voltage
LUMITUBE IP68 *(LUMITUBE IP68)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	80+ *(80)*	16° Linear lens *(16L)* 35° Linear lens *(35L)* 55° Linear lens *(55L)* 100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	10.5W / 58.5cm *(11W059)* 15.8W / 83.5cm *(16W084)* 21W / 108.5cm *(21W109)* 26.3W / 133.5cm *(26W134)* 31.5W / 158.5cm *(32W156)* 40.3W / 200.2cm *(40W200)*	24VDC *(24)*
	TUNABLE WHITE Tunable White 2700K~5700K *(TW)*	80+ *(80)*	16° Linear lens *(16L)* 35° Linear lens *(35L)* 55° Linear lens *(55L)* 100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	10W / 58.5cm *(10W059)* 15W / 83.5cm *(15W084)* 20W / 108.5cm *(20W109)* 25W / 133.5cm *(25W134)* 30W / 158.5cm *(30W156)* 38.3W / 200.2cm *(38W200)*	
	RGBW RGBW with linear lens *(RGBW)*		16° Linear lens *(16L)* 35° Linear lens *(35L)* 55° Linear lens *(55L)*	7.5W / 58.5cm *(08W059)* 15W / 108.5cm *(15W109)* 22.5W / 158.5cm *(23W159)* 27.5W / 191.9cm *(28W192)*	
	RGBW RGBW with cover *(RGBW)*		100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	9.8W / 58.5cm *(10W059)* 19.5W / 108.5cm *(20W109)* 29.5W / 158.5cm *(30W159)* 37.1W / 198.5cm *(37W199)*	
	RGB RGB with cover *(RGB)*		100° Frosted Cover *(100F)* 100° Clear Cover *(100C)* 110° Milky Cover *(110M)*	7.3W / 58.5cm *(07W059)* 14.5W / 108.5cm *(15W109)* 21.8W / 158.5cm *(22W159)* 27.6W / 198.5cm *(28W199)*	

Ordering Code Example:
LUMITUBE IP68-TW-80-100C-15WD84-24

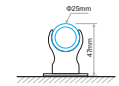
Accessories

Input cables

Input cable with IP68 connectors
(as standard)

Holders

Inox Holders (Left-Right)
(as standard)



Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2) (as extra)

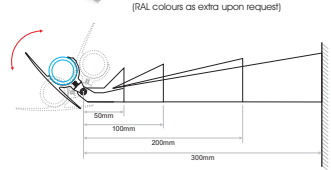
ACR.145 5cm Passivated
ACRW145 5cm White RAL9003 mat
ACRB145 5cm Black RAL 9005 mat

ACR.146 10cm Passivated
ACRW146 10cm White RAL9003 mat
ACRB146 10cm Black RAL 9005 mat

ACR.147 20cm Passivated
ACRW147 20cm White RAL9003 mat
ACRB147 20cm Black RAL 9005 mat

ACR.148 30cm Passivated
ACRW148 30cm White RAL9003 mat
ACRB148 30cm Black RAL 9005 mat

(RAL colours as extra upon request)



Antiglare

Antiglare accessory (as extra)

ACR.137 58cm Anodized
ACRW137 58cm White RAL9003 mat
ACRB137 58cm Black RAL 9005 mat

ACR.138 83cm Anodized
ACRW138 83cm White RAL9003 mat
ACRB138 83cm Black RAL 9005 mat

ACR.139 108cm Anodized
ACRW139 108cm White RAL9003 mat
ACRB139 108cm Black RAL 9005 mat

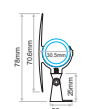
ACR.141 133cm Anodized
ACRW141 133cm White RAL9003 mat
ACRB141 133cm Black RAL 9005 mat

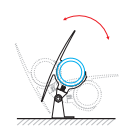
ACR.142 191cm Anodized
ACRW142 191cm White RAL9003 mat
ACRB142 191cm Black RAL 9005 mat

ACR.143 198cm Anodized
ACRW143 198cm White RAL9003 mat
ACRB143 198cm Black RAL 9005 mat

ACR.144 200cm Anodized
ACRW144 200cm White RAL9003 mat
ACRB144 200cm Black RAL 9005 mat

(RAL colours as extra upon request)





DELTA IP67

Exterior Linear

- DELTA linear surface luminaire ideal for pathways and signage, offers a soft delicate light output.
- Its dot-free light effect makes it suitable for use even on a glossy floor.
- It is available in standard lengths. Custom lengths also available on request.
- Available anodized, White (RAL 9003 mat), Black (RAL 9005 mat) & Brown. Other RAL also available on request.
- Suitable for use only with BASELINE V.
- Monochromatic White LEDs Silicone: 2 Step MacAdam
- L70/B10 >54000h
- CRI>90 for 2700/3000/3500/4000K
- Baseline V: IK08 Protection
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

Suitable only with:
✓ **BASELINE V MILKY LED**

IP67

Model	Luminaire Colour*	Type	CCT	Luminus FLUX	CRI	Watt / Length	Voltage
DELTA IP67 *(DELTA 67)*	Anodized *(AN)* White *(WH)* Black *(BL)* Brown *(BR)*	PRO *(PR)*	2700K *(27)* 3000K *(30)* 3500K *(35)* 4000K *(40)*	*500 lm/m* *510 lm/m* *515 lm/m* *530 lm/m*	>90 *(90)*	5W / 52cm *(05W052)* 10W / 102cm *(10W102)* 15W / 152cm *(15W152)* 20W / 202cm *(20W202)*	24VDC *(24)*
			5300K *(53)*	*540 lm/m*	>80 *(80)*		
		Standard *(ST)*	2700K *(27)* 3000K *(30)* 3500K *(35)* 4000K *(40)*	*420 lm/m* *430 lm/m* *435 lm/m* *450 lm/m*	>90 *(90)*		
			5300K *(53)*	*460 lm/m*	>80 *(80)*		

* Available in other colours upon request.

Ordering Code Example: *DELTA 67-WH-PR-40-90-20W202-24*

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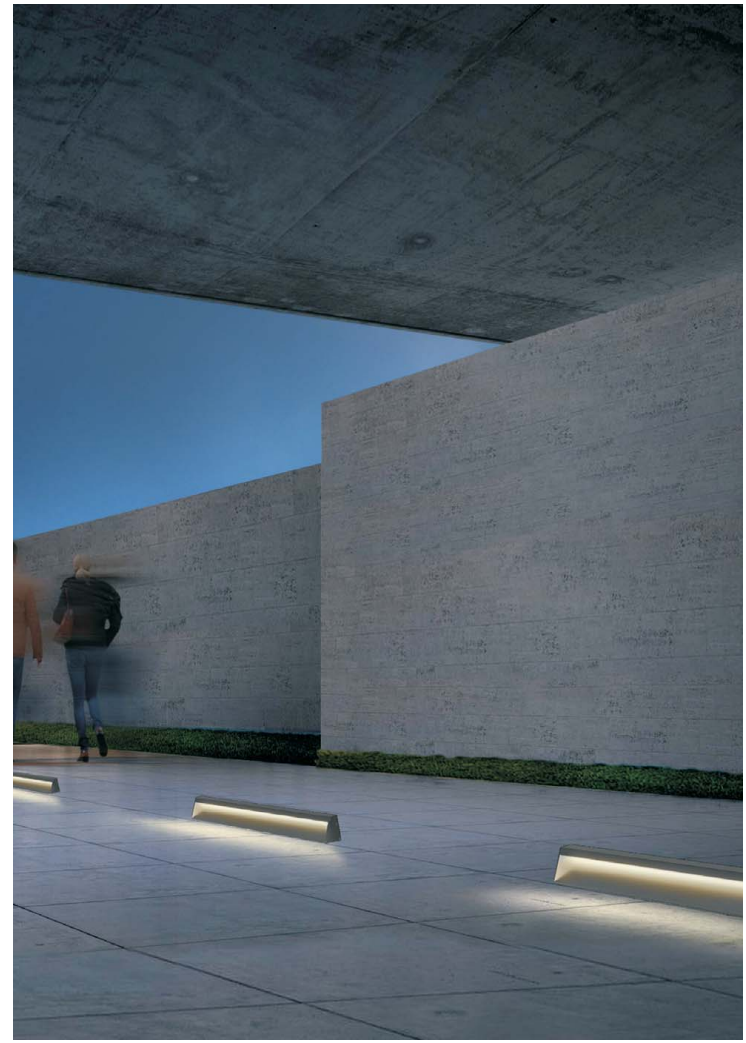
ELECTRON



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CORNER II IP67

Exterior Linear

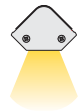
- CORNER II IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67

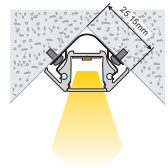
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 50.000h

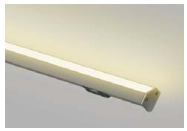
Available upon request:

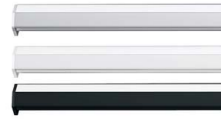
✓ *Custom dimensions*





One outdoor cable and
IP68 connector (as standard)





PU (Polyurethane) material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Exterior Linear

CORNER II IP67

LIGHTSOURCE BY NICHIA for Monochromatic

IP67

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
CORNER II IP67 *(CORNER II 67)*	Anodized *(AN)* Marine Type *(MT)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	80+ *(80)*	10.5W / 53cm *(11W053)* 15.8W / 78cm *(16W078)* 21W / 103cm *(21W103)* 24.5W / 119.7cm *(25W120)* 31.5W / 153cm *(32W153)* 42W / 203cm *(42W203)*	Clear *(CL)* Opal *(OP)*	24VDC *(24)*
		TUNABLE WHITE				
		Colour Temperature	**CRI**	**Watt* / Length**		
		Tunable White 2700K~5700K *(TW)*	80+ *(80)*	10W / 53cm *(10W053)* 15W / 78cm *(15W078)* 20W / 103cm *(20W103)* 25W / 128cm *(25W128)* 30W / 153cm *(30W153)* 40W / 203cm *(40W203)*		
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 53cm *(14W053)* 23.1W / 88.7cm *(23W089)* 27W / 103cm *(27W103)* 32.8W / 124.4cm *(33W124)* 40.5W / 153cm *(41W153)* 54W / 203cm *(54W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		9.7W / 53cm *(10W053)* 15.6W / 83cm *(16W083)* 19.5W / 103cm *(20W103)* 23.4W / 123cm *(23W123)* 29.2W / 153cm *(29W153)* 39W / 203cm *(39W203)*		
		RGB *(RGB96)* 96LED/m		11.5W / 53cm *(12W053)* 20.1W / 90.5cm *(20W091)* 23W / 103cm *(23W103)* 27.3W / 121.7cm *(27W122)* 34.5W / 153cm *(35W153)* 46W / 203cm *(46W203)*		
		RGB *(RGB60)* 60LED/m**		7.2W / 53cm *(07W053)* 11.6W / 83cm *(12W083)* 14.5W / 103cm *(15W103)* 17.4W / 123cm *(17W123)* 21.7W / 153cm *(22W153)* 29W / 203cm *(29W203*		
		RGB *(RGB30)* 30LED/m**		3.6W / 53cm *(04W053)* 5.7W / 83cm *(06W083)* 7.2W / 103cm *(07W103)* 8.6W / 123cm *(09W123)* 10.8W / 153cm *(11W153)* 14.4W / 203cm *(14W203)*		12VDC *(12)*

* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *CORNER II 67-AN-RGB60-17W123-OP-24*

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MIDI U IP67

Exterior Linear

- MIDI U IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & IP68 connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- L90/B10 >50.000h, 3 Step MacAdam.
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

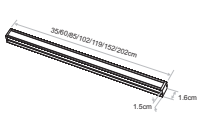
Available upon request:
✓ *Custom dimensions*
✓ *Custom luminaire colours*

LIGHTSOURCE BY NICHIA

Model*	Luminaire Colour	CCT	Type	Watt / Length	Voltage
MIDI U IP67 *(MIDI U 67)*	Anodized *(AN)*	2000K *(20)*	Clear *(CL)*	7W / 35cm *(07W035)*	24VDC *(24)*
	Marine Type *(MT)*	2500K *(25)*	Opal *(OP)*	12.2W / 60cm *(12W060)*	
		2700K *(27)*		17.5W / 85cm *(17W085)*	
		3000K *(30)*		21W / 102cm *(21W102)*	
		4000K *(40)*		24.5W / 119cm *(24W119)*	
		5700K *(57)*		31.5W / 152cm *(31W152)*	
				42W / 202cm *(42W202)*	

* IP67: Short term immersion protection

Ordering Code Example: MIDI U 67-AN-40-OP-31W152-24



Input cable
with IP68 connectors
(as standard)

PU (Polyurethane) material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and ELV European Directives.
EC – Directives 89/109 Contact with Food.

Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water.
Thermal Shock – Heat - Abrasion

In accordance to: Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

ELECTRON

Exterior Linear

CORNER 45 IP67

- CORNER 45 IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.
- L90/B10 >50.000h, 3 Step MacAdam.
- Ingress Protection: IP67

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:
✓ *Custom dimensions*
✓ *Custom luminaire colours*

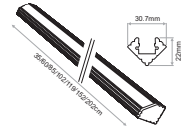
LIGHTSOURCE BY NICHIA

IP67

Model*	Luminaire Colour	CCT	Type	Watt / Length	Voltage
CORNER 45 IP67 *(CORNER 45 67)*	Anodized *(AN)*	2000K *(20)*	Clear *(CL)*	7W / 35cm *(07W035)*	24VDC *(24)*
	Marine Type *(MT)*	2500K *(25)*	Opal *(OP)*	12.2W / 60cm *(12W060)*	
		2700K *(27)*		17.5W / 85cm *(17W085)*	
		3000K *(30)*		21W / 102cm *(21W102)*	
		4000K *(40)*		24.5W / 119cm *(24W119)*	
		5700K *(57)*		31.5W / 152cm *(31W152)*	
				42W / 202cm *(42W202)*	

* IP67: Short term immersion protection

Ordering Code Example: CORNER 45 67-AN-30-OP-31W152-24



One outdoor cable and
IP68 connector (as standard)

PU (Polyurethane) material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and ELV European Directives.
EC – Directives 89/109 Contact with Food.

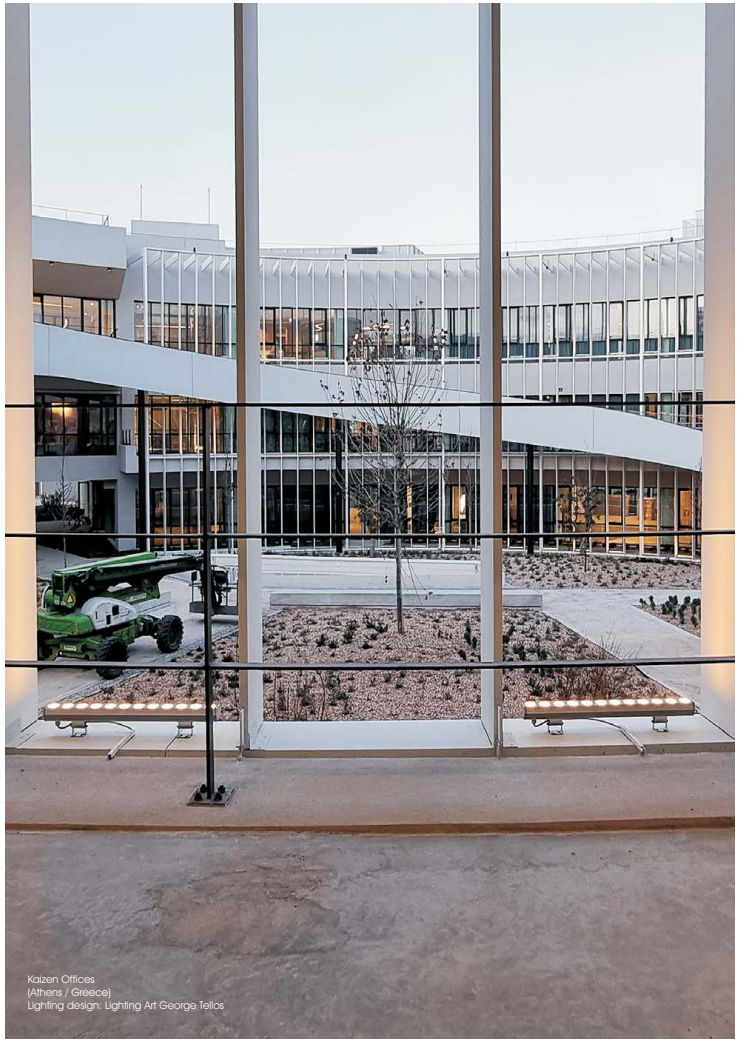
Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water.
Thermal Shock – Heat - Abrasion

In accordance to: Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87.
TABER test ASTM D1044. CROCKMETER test ASTM D6279

Marine Type features:
Powder Coating:
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:
Meets qualicoat class 2 requirements after 3 years Florida
Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:
Weather, UV, Water and mould growth

WEATHER RESISTANT

ELECTRON



Kaizen Offices
(Athens / Greece)
Lighting design: Lighting Art George Tellos

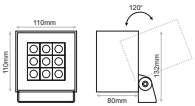
EXTERIOR PROJECTORS

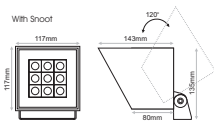
BOX 21

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, tree belt or pole base). Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <12 (14°), <12.5 (16°), <9.3 (20°), <19.9 (34°), <23.4 (60°), <16.2 (16°x30°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0,75mm² L=2.0m
- Outer cable diameter: 7mm²
- Weight: 1,53kg

L90/B10 50.000h





Tilt: 120°
Rotate:60°

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

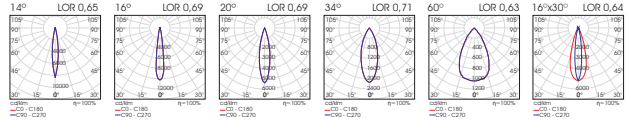
CREE LEDs

IP66

Model	CCT	*LED Source*	Beam Angle	Colour	Dimming Option	Accessories
BOX 20.7W *(BOX 21)*	2700K *(27C)* 2223lm 3000K *(30C)* 2377lm 4000K *(40C)* 2377lm 6500K *(65C)* 2668lm		14° *(MN)* 16° *(NR)* 20° *(MD)* 34° *(WD)* 60° *(VW)* 16°x30° *(AS)*	Black *(BL)* White *(WH)*	230VAC Non-Dimmable *(230ND)* 230VAC Phase Cut Dimmable* *(230D)* 48VDC PWM Dimmable *(48D)*	***cover*** Standard *(0\)* SNOOT Black *(1\)* SNOOT White *(2\)* ↓ *(XX)* ↑ ***extras*** No Extras *(\0)* Spike *(\1)* Concrete Base *(\2)* Belt *(\3)* Pole Base** *(\4)*

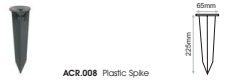
* By trailing edge dimmers.
** Pole base supplied black as standard.

Ordering Code Example: *BOX 21-30C-NR-BL-230D-01*



Accessories

ACR.006 Snoot Black
ACR.007 Snoot White



ACR.008 Plastic Spike

ACR.009 Concrete base

ACR.078 Belt Accessory

ACR.111 Pole Base Black
ACRW062 Pole Base White

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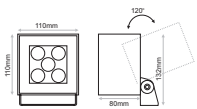
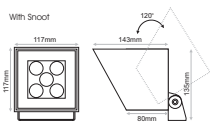
BOX 12N

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, tree belt or pole base). Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <17.3 (6°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm^2 L=2.0m
- Outer cable diameter: 7mm^2
- Weight: 1,53kg

L90/B10 50.000h





Tilt: 120°
Rotate:60°

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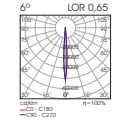
CREE LEDs

IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 12.5W Narrow *(BOX 12N)*	2700K *(27C)* *1235lm* 3000K *(30C)* *1321lm* 4000K *(40C)* *1321lm* 6500K *(65C)* *1482lm*		6° *(VN)*	Black *(BL)* White *(WH)*	230VAC Non-Dimmable *(230ND)* 230VAC Phase Cut Dimmable* *(230D)* 24VDC PWM Dimmable *(24D)* 48VDC PWM Dimmable *(48D)*	***cover*** Standard *(01)* SNOOT Black *(11)* SNOOT White *(21)* ↓ *(XX)* ↑ ***extras*** No Extras *(10)* Spike *(11)* Concrete Base *(12)* Belt *(13)* Pole Base** *(14)*

* By trailing edge dimmers.
** Pole base supplied black as standard.

Ordering Code Example: BOX 12N-30C-VN-BL-230D-01

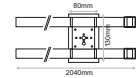


Accessories

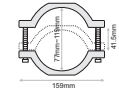
ACR.006 Snoot Black
ACR.007 Snoot White

ACR.008 Plastic Spike

ACR.009 Concrete base



ACR.078 Belt Accessory



ACR.111 Pole Base Black
ACRW062 Pole Base White

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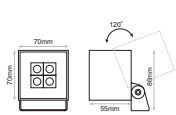
BOX 10

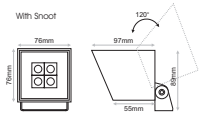
Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, tree belt or pole base). Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <13.7 (17°), <13.1 (21°), <12.5 (25°), <20.6 (35°), <23.6 (62°), <15.7 (16°x30°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm
- Weight: 0,63kg

L90/B10 50.000h



With Snoot



Tilt: 120°
Rotate:60°

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Exterior Projectors

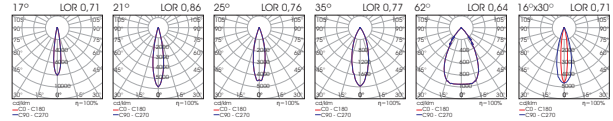
CREE LEDs

IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 9.2W *(BOX 10)*	2700K *(27C)*	988lm	17° *(VN)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*	**cover**
	3000K *(30C)*	1056lm	21° *(NR)*	White *(WH)*	230VAC Phase Cut Dimmable* *(230D)*	Standard *(01)*
	4000K *(40C)*	1056lm	25° *(MD)*		24VDC PWM Dimmable *(24D)*	SNOOT Black *(11)*
	6500K *(65C)*	1185lm	35° *(WD)*		48VDC PWM Dimmable *(48D)*	SNOOT White *(21)*
			62° *(VW)*			↓
			16°x30° *(AS)*			*(XX)*
						↑
						extras
						No Extras *(00)*
						Spike *(01)*
						Belt *(02)*
						Pole Base** *(03)*
						Concrete Base *(04)*

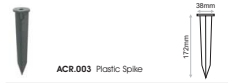
* By leading edge dimmers only.
** Pole base supplied black as standard.

Ordering Code Example: BOX 10-30C-NR-BL-230D-01

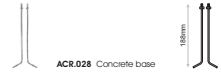


Accessories

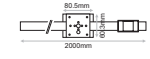
ACR.004 Snoot Black
ACR.005 Snoot White



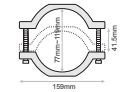
ACR.003 Plastic Spike



ACR.028 Concrete base



ACR.077 Belt S Accessory



ACR.111 Pole Base Black
ACRW062 Pole Base White

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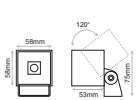
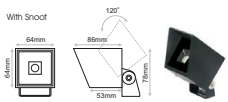
BOX 5

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, tree belt or pole base). Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <15.6 (17°), <13.9 (21°), <15.5 (28°), <23.3 (40°), <25.2 (63°), <17.7 (16°x30°)
- Dimming options: Phase Cut Dimmable, 24VDC or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm
- Weight: 0,50kg

L90/B10 50.000h





Tilt: 120°
Rotate:60°

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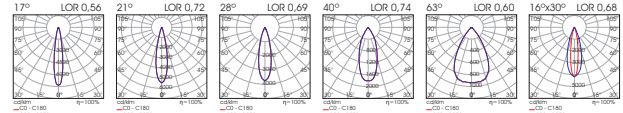
CREE LEDs

IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 4.4W *(BOX 5)*	2700K *(27C)*	*410lm*	17° *(VN)*	Black *(BL)*	230VAC Phase Cut Dimmable* *(230D)*	**cover**
	3000K *(30C)*	*440lm*	21° *(NR)*	White *(WH)*	24VDC PWM Dimmable *(24D)*	Standard *(0)*
	4000K *(40C)*	*475lm*	28° *(MD)*		48VDC PWM Dimmable *(48D)*	SNOOT Black *(1)*
	6500K *(65C)*	*510lm*	40° *(WD)*			SNOOT White *(2)*
			63° *(VW)*			↓
			16°x30° *(AS)*			*(XX)*
						↑
						extras
						No Extras *(-0)*
						Spike *(-1)*
						Belt *(-2)*
						Pole Base** *(-3)*
						Concrete Base *(-4)*

* By trailing edge dimmers.
** Pole base supplied black as standard.

Ordering Code Example: BOX 5-30C-NR-BL-230D-01



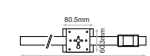
Accessories

ACR.001 Snoot Black
ACR.002 Snoot White

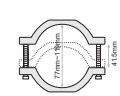
ACR.003 Plastic Spike

ACR.028 Concrete base

ACR.077 Belt S Accessory



ACR.111 Pole Base Black
ACRW062 Pole Base White



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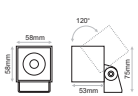
BOX 3N

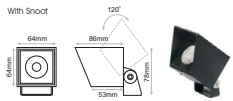
Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, tree belt or pole base). Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <18.6 (3°)
- Dimming options: Phase Cut Dimmable or 24VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm² L=2.0m
- Outer cable diameter: 7mm
- Weight: 0,50kg

L80/B10 50.000h



With Snoot



Tilt: 120°
Rotate:60°

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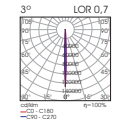
CREE LEDs

IP66

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
BOX 2.5W Narrow *(BOX 3N)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 6500K *(65C)*	*137lm* *149lm* *170lm* *265lm*	3° *(VN)*	Black *(BL)* White *(WH)*	230VAC Phase Cut Dimmable* *(230D)* 24VDC PWM Dimmable *(24D)*	***cover*** Standard *(/0)* SNOOT Black *(/1)* SNOOT White *(/2)* *(XX)* ***extras*** No Extras *(/0)* Spike *(/1)* Belt *(/2)* Pole Base** *(/3)* Concrete Base *(/4)*

* By trailing edge dimmers.
** Pole base supplied black as standard.

Ordering Code Example: BOX 3N-30C-VN-BL-230D-01



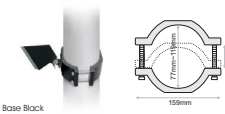
Accessories

ACR.001 Snoot Black
ACR.002 Snoot White

ACR.003 Plastic Spike

ACR.028 Concrete base

ACR.077 Belt S Accessory

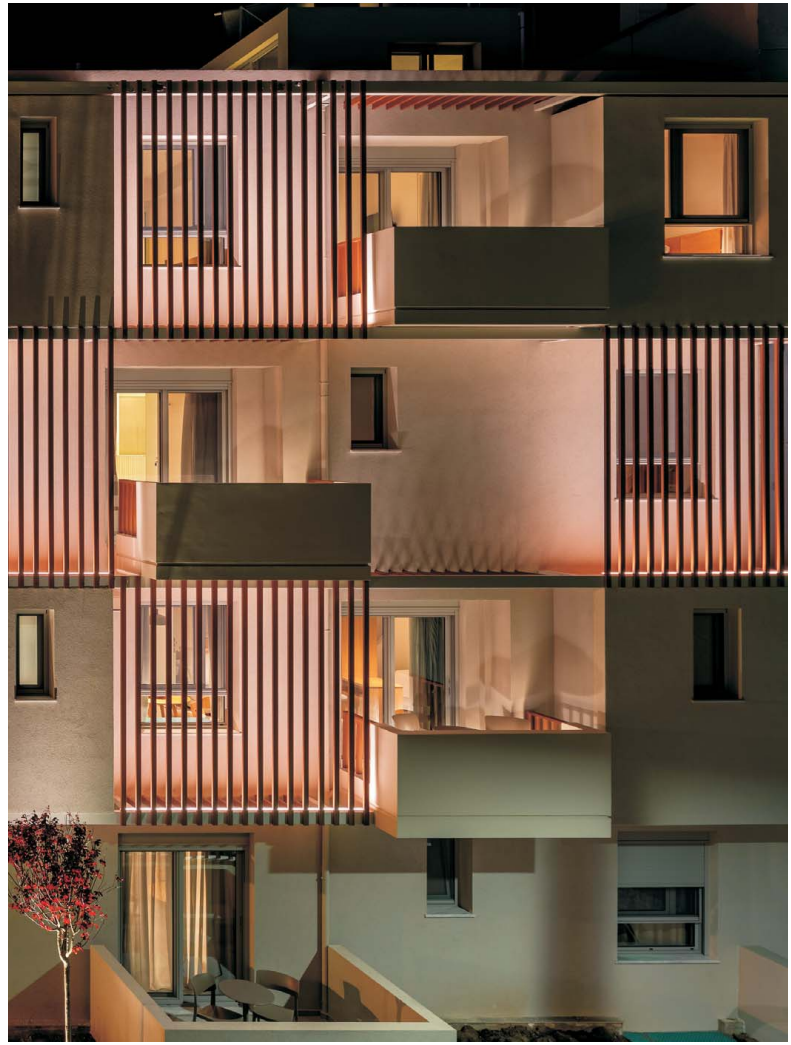


ACR.111 Pole Base Black
ACRW062 Pole Base White

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Townhouse (Lefkada / Greece)
Lighting design: Idea Design Ltd
Architect: Ioanna Zavitsanou
Photo: Gavrill Papadiotis

AWARDS:
[d]arc awards Structures Low Budget 2022: Second Place



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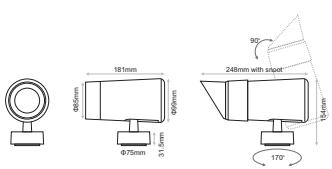
CONNY 20

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <10.5 (20°), <12.9 (33°), <17.5 (48°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0,75mm²
- Outer cable diameter: 7mm²
- Weight: 1,70kg

L80/B10 50.000h



With Snoot

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ELECTRON

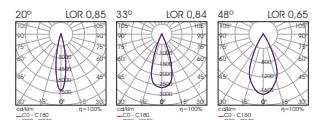
CREE LEDs

IP66

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories (XXX)
		80 (80)				
CONNY 20.7W (CONNY 20)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2340lm 2503lm 2691lm 2691lm	20° (NR) 33° (MD) 48° (WD)	Black (BL) White (WH)	230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable (230D) 48VDC PWM Dimmable (48D)	Standard (0XX) SNOOT Black (1XX) SNOOT White (2XX) Standard (0XX) Honeycomb (1XX) ***extras*** No Extras (XX0) Plastic Spike (XX1) Pole Base* (XX2) Concrete Base (XX3) Belt (XX4)

* Pole base supplied black as standard.

Ordering Code Example: CONNY 20-30C-80-20-NR-230D-213



Accessories

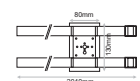
ACR.017 Honeycomb

ACR.018 Snoot Black
ACR.019 Snoot White

ACR.008 Plastic Spike

ACR.020 Concrete base

ACR.078 Belt Accessory



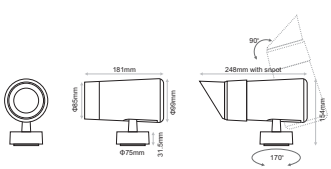
ACR.111 Pole Base Black
ACRW062 Pole Base White

CONNY 15N

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <9,3 (9°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0,75mm²
- Outer cable diameter: 7mm²
- Weight: 1,70kg

L80/B10 50.000h



With Snoot

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ELECTRON

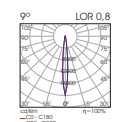
CREE LEDs

IP66

Model	CCT	CRI80 / LED Source	Beam Angle	Colour	Voltage	Accessories (XXX)
		80 (80)				
CONNY 15.6W NARROW (CONNY 15N)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1360lm 1417lm 1496lm 1513lm	9° (VN)	Black (BL) White (WH)	230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable (230D) 48VDC PWM Dimmable (48D)	Standard (0XX) SNOOT Black (1XX) SNOOT White (2XX) Standard (0XX) Honeycomb (1XX) ***extras*** No Extras (XX0) Plastic Spike (XX1) Pole Base* (XX2) Concrete Base (XX3) Belt (XX4)

* Pole base supplied black as standard.

Ordering Code Example: CONNY 15N-30C-80-VN-BL-230D-213



Accessories

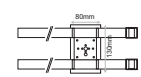
ACR.017 Honeycomb

ACR.018 Snoot Black
ACR.019 Snoot White

ACR.008 Plastic Spike

ACR.020 Concrete base

ACR.078 Belt Accessory



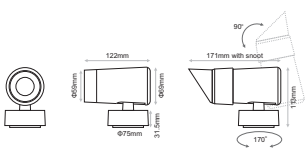
ACR.111 Pole Base Black
ACRW062 Pole Base White

CONNY 9

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <15.9 (22°), <15 (38°), <18.3 (50°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0,75mm^2
- Outer cable diameter: 7mm^2
- Weight: 0,80kg

L90/B10 50.000h



With Snoot

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ELECTRON

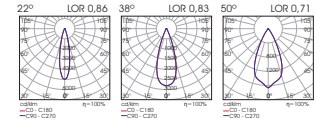
CREE LEDs

IP66

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)				(X X X)
CONNY 9.7W (CONNY 9)	2700K (27C)	1035lm	22° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard (000)
	3000K (30C)	1114lm	38° (MD)	White (WH)	230VAC Phase Cut Dimmable (230D)	SNOOT Black (100)
	4000K (40C)	1114lm	50° (WD)		48VDC PWM Dimmable (48D)	SNOOT White (200)
	5000K (50C)	1193lm				Standard (001)
						Honeycomb (101)
						extras
						No Extras (000)
						Plastic Spike (001)
						Pole Base* (002)
						Concrete Base (003)
						Belt S (004)
						Belt R (005)

* Pole base supplied black as standard.

Ordering Code Example: *CONNY 9-30C-80-38-NR-230D-215*



Accessories

ACR.014 Honeycomb

ACR.015 Snoot Black
ACR.016 Snoot White

ACR.008 Plastic Spike

ACR.020 Concrete base

ACR.077 Belt S Accessory

ACR.010 Belt R Accessory

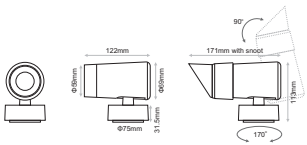
ACR.111 Pole Base Black
ACRW062 Pole Base White

CONNY 9N

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <10.7 (9°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0,75mm²
- Outer cable diameter: 7mm²
- Weight: 0,80kg

L90/B10 50.000h



With Snoot

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ELECTRON

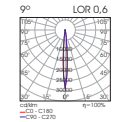
CREE LEDs

IP66

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories (XXX)
		80 (80)				
CONNY 9.2W NARROW (CONNY 9N)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	735lm 735lm 831lm 893lm	9° (VN)	Black (BL) White (WH)	230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable (230D) 24VDC PWM Dimmable (24D) 48VDC PWM Dimmable (48D)	Standard (0XX) SNOOT Black (1XX) SNOOT White (2XX) Standard (X0X) Honeycomb (X1X) ***extras*** No Extras (XX0) Plastic Spike (XX1) Pole Base* (XX2) Concrete Base (XX3) Belt S (XX4) Belt R (XX5)

* Pole base supplied black as standard.

Ordering Code Example: *CONNY 9N-30C-80-VN-BL-230D-212*



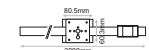
Accessories

ACR.014 Honeycomb

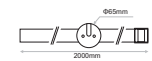
ACR.015 Snoot Black
ACR.016 Snoot White

ACR.008 Plastic Spike

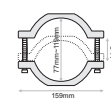
ACR.020 Concrete base



ACR.077 Belt S Accessory



ACR.010 Belt R Accessory



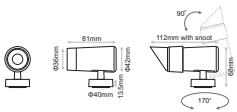
ACR.111 Pole Base Black
ACRW062 Pole Base White

CONNY 6

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating CONNY 6: UGR <21.5 (16°), <18.8 (20°), <21.2 (30°), <21.6 (42°)
- Glare Rating CONNY 6 WD: UGR <17.6 (38°), <20.7 (54°)
- Dimming options: 24VDC Non-Dimmable or 24VDC PWM Dimmable.
- Power cable: H05RN-F 2x0.5mm² L=2.0m
- Outer cable diameter: 5mm²
- Weight: 0,28kg

L90/B10 50.000h



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CREE LEDs Monochromatic

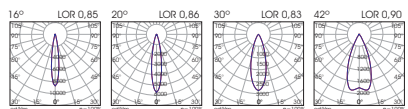
LIGHTSOURCE BY bridgelux WD

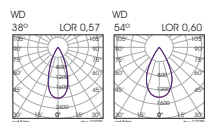
IP66

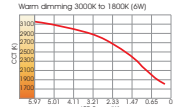
Model	CCT	CRI / LED Source	Beam Angle	Colour	Voltage/Current	Accessories (XXX)
		80 (80)			Voltage	
CONNY 6W (CONNY 6)	2700K (27C)	550lm	16° (NR)	Black (BL)	24VDC Non-Dimmable (24)	Standard (000)
	3000K (30C)	550lm	20° (MD)	White (WH)	24VDC PWM Dimmable (24D)	SNOOT Black (1A0)
	4000K (40C)	642lm	30° (WD)			SNOOT White (2A0)
	5000K (50C)	689lm	42° (VW)			Standard (0A1)
						Honeycomb (1A1)
	Warm Dimmable	90 (90) 95 (95)			Current	extras
	Warm Dimming (WD) 1800K-3000K	627lm 552lm	38° (WD) 54° (VW)		350mA (350)	No Extras (000) Plastic Spike (001) Pole Base* (002) Concrete Base (003) Belt (004)

* Pole base supplied black as standard.

Ordering Code Example: CONNY 6-30C-80-MD-BL-24-011







Accessories

ACR.011 Honeycomb

ACR.012 Snoot Black
ACR.013 Snoot White

ACR.003 Plastic Spike

ACR.028 Concrete base

ACR.077 Belt S Accessory

ACR.111 Pole Base Black
ACRW062 Pole Base White

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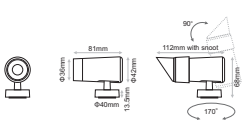
CONNY 4

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <20.2 (16°), <17.5 (20°), <19.9 (30°), <20.3 (46°)
- Dimming options: 24VDC Non-Dimmable or 24VDC PWM Dimmable
- Power cable: H05RN-F 2x0.5mm² L=2.0m
- Outer cable diameter: 5mm²
- Weight: 0,28kg

L90/B10 50.000h



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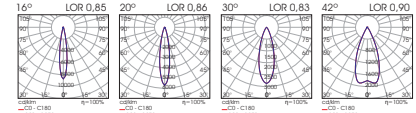
CREE LEDs

IP66

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories (XXX)
		80 (80)				
CONNY 4W (CONNY 4)	2700K (27C)	378lm	16° (NR)	Black (BL)	24VDC Non-Dimmable (24)	Standard (0XX)
	3000K (30C)	378lm	20° (MD)	White (WH)	24VDC PWM Dimmable (24D)	SNOOT Black (1XX)
	4000K (40C)	428lm	30° (WD)			SNOOT White (2XX)
	5000K (50C)	459lm	42° (VW)			Standard (X0X)
						Honeycomb (X1X)
						extras
						No Extras (XX0)
						Plastic Spike (XX1)
						Pole Base* (XX2)
						Concrete Base (XX3)
						Belt (XX4)

* Pole base supplied black as standard.

Ordering Code Example: *CONNY 4-30C-80-MD-BL-24-011*



Accessories

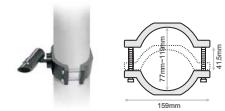
ACR.011 Honeycomb

ACR.012 Snoot Black
ACR.013 Snoot White

ACR.003 Plastic Spike

ACR.028 Concrete base

ACR.077 Belt S Accessory



ACR.111 Pole Base Black
ACRW062 Pole Base White

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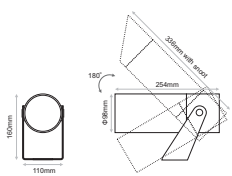
OLLY 46

- Olly projectors consist of two models in terms of consumption: 46 and 27 watt.
- The series offers a variety of accessories: diffuser, honeycomb and snoot to ensure visual comfort.
- Olly offers accessories in terms of installation: plastic spike, concrete base, belt accessory and pole base.
- It is available in black or white colour as standard but other RAL colours are also available upon request
- Outer cable diameter: 7mm²
- Non dimmable
- L90/ B10 50000h
- Ingress protection: IP66
- Weight: 2.4kg

L90/B10 50.000h



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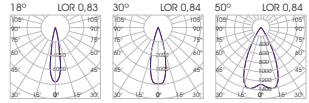
CREE LEDs

IP65

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories (XXX)
		80 (80)				
OLLY 46.3W (OLLY 46)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	5520lm 5520lm 5930lm 5930lm	18° (NR) 30° (MD) 50° (WD)	Black (BL) White (WH)	230VAC Non-Dimmable (230ND)	Standard (0XX) SNOOT (1XX) Standard (10X) Honeycomb (11X) Diffuser (12X) ***extras*** No Extras (XX0) Plastic Spike (XX1) Pole Base* (XX2) Concrete Base (XX3) Belt (XX4)

* Pole base supplied black as standard.

Ordering Code Example: OLLY 46-40C-80-MD-BL-230ND-104



Accessories

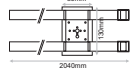
ACR.095 Honeycomb

ACR.096 Diffuser

ACR.097 Snoot Black
ACRW098 Snoot White

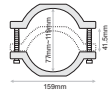
ACR.008 Plastic Spike

ACR.020 Concrete base



ACR.078 Belt Accessory

ACR.111 Pole Base Black
ACRW062 Pole Base White



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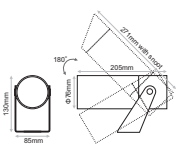
OLLY 27

- Olly projectors consist of two models in terms of consumption: 46 and 27 watt.
- The series offers a variety of accessories: diffuser, honeycomb and snoot to ensure visual comfort.
- Olly offers accessories in terms of installation: plastic spike, concrete base, belt accessory and pole base.
- It is available in black or white colour as standard but other RAL colours are also available upon request
- Outer cable diameter: 7mm²
- Non dimmable
- L90/ B10 50000h
- Ingress protection: IP66
- Weight: 1.4kg

L90/B10 50.000h



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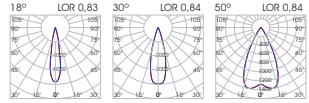
CREE LEDs

IP65

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)				(XXX)
OLLY 27.3W (OLLY 27)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	3080lm 3310lm 3540lm 3540lm	18° (NR) 30° (MD) 50° (WD)	Black (BL) White (WH)	230VAC Non-Dimmable (230ND)	Standard (0XX) SNOOT (1XX) Standard (X0X) Honeycomb (X1X) Diffuser (X2X) ***extras*** No Extras (XX0) Plastic Spike (XX1) Pole Base* (XX2) Concrete Base (XX3) Belt (XX4)

* Pole base supplied black as standard.

Ordering Code Example: OLLY 27-40C-80-MD-BL-230ND-104



Accessories

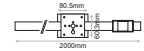
ACR.091 Honeycomb

ACR.092 Diffuser

ACR.093 Snoot Black
ACRW094 Snoot White

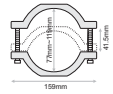
ACR.008 Plastic Spike

ACR.020 Concrete base



ACR.077 Belt S Accessory

ACR.111 Pole Base Black
ACRW062 Pole Base White



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GONZO 46

Gonzo is an outdoor projector series available either monochromatic or in RGBW.

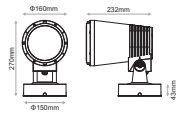
- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm^2 L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 12
- Weight: 4.2kg

Model	CCT*	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 46W *(GONZO 46)*	2700K *(27N)*	*3130lm*	9° *(09)*	Black *(BL)*	24VDC PWM Dimmable *(24)*
	3000K *(30N)*	*3360lm*	15° *(15)*	White *(WH)*	
	4000K *(40N)*	*3600lm*	20° *(20)*		
			30° *(30)*		
			45° *(45)*		

LIGHTSOURCE BY NICHIA IP66

* Available also in 5700K & 6500K upon request.

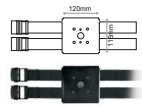
Ordering Code Example: GONZO 46-30N-30-BL-24



Accessories

ACR.432 Snoot Black
ACR.434 Snoot White

ACR.431 Plastic Spike



ACR.430 Belt Accessory

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GONZO 25

Gonzo is an outdoor projector series available either monochromatic or in RGBW.

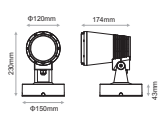
- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm^2 L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 6
- Weight: 2.5kg

Model	CCT*	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 25W *(GONZO 25)*	2700K *(27N)*	*1490lm*	9° *(09)*	Black *(BL)*	24VDC PWM Dimmable *(24)*
	3000K *(30N)*	*1600lm*	15° *(15)*	White *(WH)*	
	4000K *(40N)*	*1710lm*	20° *(20)*		
			30° *(30)*		
			45° *(45)*		

LIGHTSOURCE BY NICHIA IP66

* Available also in 5700K & 6500K upon request.

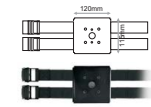
Ordering Code Example: GONZO 25-30N-30-BL-24



Accessories

ACR.429 Snoot Black
ACR.433 Snoot White

ACR.431 Plastic Spike



ACR.430 Belt Accessory

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GONZO 70 RGBWW

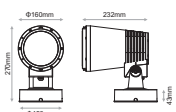
Gonzo is an outdoor projector series available either monochromatic or in RGBWW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 5x0.5mm^2 L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 12
- Weight: 4.2kg

IP66

Model	CCT	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 70W *(GONZO 70)*	RGBWW*(3000K)* *(RGBWW)*	*2054lm*	20° *(20)* 30° *(30)*	Black *(BL)* White *(WH)*	24VDC PWM Dimmable *(24)*

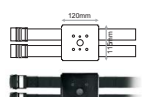
Ordering Code Example: GONZO 70-RGBWW-30-BL-24



Accessories

ACR.432 Snoot Black
ACR.434 Snoot White

ACR.431 Plastic Spike



ACR.430 Belt Accessory

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GONZO 36 RGBWW

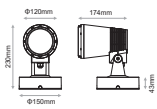
Gonzo is an outdoor projector series available either monochromatic or in RGBWW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass. T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 5x0.5mm^2 L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 6
- Weight: 2.5kg

IP66

Model	CCT	Luminaire Lumen	Beam Angle	Colour	Dimming Option
GONZO 36W *(GONZO 36)*	RGBWW*(3000K)* *(RGBWW)*	*1240lm*	20° *(20)* 30° *(30)*	Black *(BL)* White *(WH)*	24VDC PWM Dimmable *(24)*

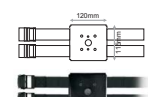
Ordering Code Example: GONZO 36-RGBWW-30-BL-24



Accessories

ACR.429 Snoot Black
ACR.433 Snoot White

ACR.431 Plastic Spike



ACR.430 Belt Accessory

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TONDO

Exterior Projectors

TONDO LED spotlight ideal in applications that require a small scale luminaire.

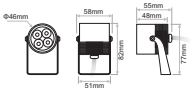
- Housing material: aluminum
- Glass : Tempered glass T=4mm
- Power cable: H05RN-F 2x0.75mm² L=1.5m
- Outdoor installation: IP66
- Luminire available in Black colour and Silver Anodized. Available also in Dark Brown.
- Available accessories: Snoot, Plastic Spike, Belt accessory

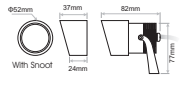
CREE LEDs IP66

Model	CCT	CRI80 Luminaire Lumen	Beam Angle	Luminaire Colour	Voltage	Accessories
		>80 (80)				**COVER**
TONDO 6W (TONDO 6)	2700K (27C) 3000K (30C) 4000K (40C) 5600K (56C)	300lm 320lm 350lm 370lm	15° (15) 20° (20) 40° (40)	Silver Anodized (AN) Black (BA)	12VDC Dimmable (20-100%) (12)	Standard (0N) Snoot Silver Anodized (1N) Snoot Black (2N) **EXTRAS** No Extras (NN) Belt (NB) Spike (NS)

(XX)

Ordering Code Example: TONDO 6-40C-80-20-BA-12-2B





Accessories

ACR.152 Snoot Silver Anodized
ACR.153 Snoot Black

ACC.006 Plastic Spike

ACC.231 Belt Accessory

ELECTRON

Exterior Projectors

TONDO MINI

TONDO MINI is the smallest in scale LED spotlight.

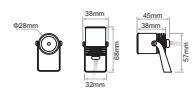
- Housing material: aluminum
- Glass : Tempered glass T=4mm
- Power cable: H05RN-F 0.75mm² L=1m
- Outdoor installation: IP66
- Luminire available in Black colour and Silver Anodized. Available also in Dark Brown.
- Available accessories: Snoot, Plastic Spike, Belt accessory

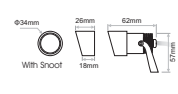
CREE LEDs IP66

Model	CCT	CRI80 Luminaire Lumen	Beam Angle	Luminaire Colour	Voltage	Accessories
		>80 (80)				**COVER**
TONDO MINI 2W (TONDO MINI 2)	2700K (27C) 3000K (30C) 4000K (40C) 5600K (56C)	150lm 160lm 170lm 180lm	17° (17) 25° (25) 45° (45)	Silver Anodized (AN) Black (BA)	12VDC Dimmable (20-100%) (12)	Standard (0N) Snoot Silver Anodized (1N) Snoot Black (2N) **EXTRAS** No Extras (NN) Belt (NB) Spike (NS)

(XX)

Ordering Code Example: TONDO MINI 2-40C-80-45-AN-12-0B





Accessories

ACR.155 Snoot Silver Anodized
ACR.156 Snoot Black

ACC.006 Plastic Spike

ACC.231 Belt Accessory

TONDO RETROFIT

TONDO Retrofit is a luminaire suitable for GU10 LED lamps (max 9W).

- Housing material: aluminum.
- Glass: Tempered glass T=3mm
- Power cable H05RN-F 3x1.0mm² L=1m
- Cable gland: PG7
- Gasket: O-ring PMQ silicone seal.
- Outdoor installation: IP66
- Luminaire available in Dark Grey, Black or Dark Brown colour.
- Available accessories: Snoot, Plastic Spike, Belt accessory.
- GU10 lamp holder, max 9W (lamp not included).

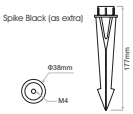
Code	Model	Colour	Lamp Holder	Dimensions	IP Rate
ALE.091	**TONDO RETROFIT**	Dark Grey	GU10 (max 9W)	Φ65x95mm	IP66
ALE.192	**TONDO RETROFIT**	Black	GU10 (max 9W)	Φ65x95mm	IP66
ALE.117	**TONDO RETROFIT**	Dark Brown	GU10 (max 9W)	Φ65x95mm	IP66

Lamp
Not included

Accessories

ACC.011 Snoot Dark Grey (as extra)
ACC.013 Snoot Black (as extra)
ACC.295 Snoot Dark Brown (as extra)

ACC.006 Spike Black (as extra)



ACC.231 Tree Belt Accessory (as extra)

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DENDO

DENDO is a LED spotlight with manually adjustable beam angle from 55° to 15°.

- Housing material: aluminum
- Power cable:
  HO5RN-F 2x1.0mm² open wires. L= 1 meter for 12VDC version.
  HO5RN-F 3x1.0mm² open wires. L= 1 meter for 230VAC version.
- Consumption: 12 Watt
- Outdoor installation: IP66
- Available accessories: Plastic spike, Belt accessory.

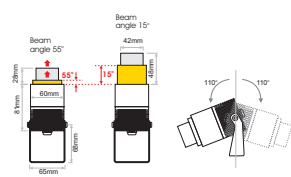
Selectable beam angle (From 15° to 55°)

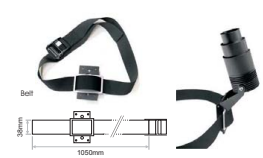
CREE LEDs

IP66

Model	CCT	Luminaire Lumen	CRI	Beam Angle	Luminaire Colour	Voltage	Accessories
DENDO 12W *(DENDO 12)*	2700K *(27C)*	*max 55° / 390lm* *min 15° / 170lm*	>80 *(80)*	Adjustable *(AD)* 15°(min)-55°(max)	Black *(BL)* White *(WH)*	12VDC Dimmable (20-100%) *(12)* 230VAC Non-Dimmable *(230)*	No Accessory *(N)* Spike *(S)* Belt *(B)*
	3000K *(30C)*	*max 55° / 400lm* *min 15° / 180lm*					
	4000K *(40C)*	*max 55° / 410lm* *min 15° / 190lm*					
	5600K *(56C)*	*max 55° / 420lm* *min 15° / 200lm*					

Ordering Code Example:
DENDO 12-40C-80-AD-BL-230-S





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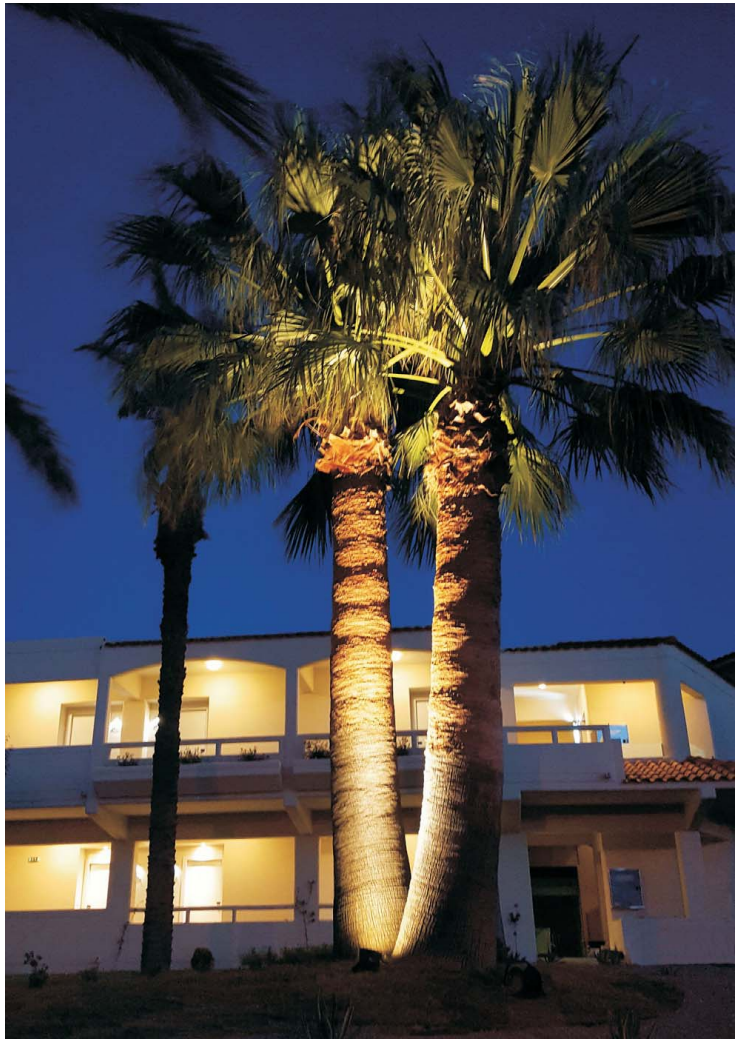


Exterior Projectors

STORM WASH 61 ZOOM

- High power RGBW LED projector 180W.

SPECIFICATIONS

- Lumen Output: 3500+
- Lux at 5m: 5000lm (8° optics).
- USITT DMX 512 on board with optional DMX personalities.
- Display control on board for 3/4/5/6/12 channels, STATIC COLOUR, AUTO and CUSTOM.
- IP rating 66.
- Electronic zoom 8°-40°.
- Dimmer 0-100%.
- Strobe 0-20Hz.
- Weight 9Kgs.

IP66

Model	Code	No.LEDs	Colour	Input Voltage	Power Consumption	Dimensions	Weight	Beam Angle	IP Rate
STORM WASH 61 ZOOM	**PLE.037**	61	17R+17G+17B+10W	100-240VAC 50-60Hz	180W	302x237x311mm	9Kgs	8°-40°	IP66

ACCESSORIES

ACC.225
IP67 Power Extention Cable (5m)

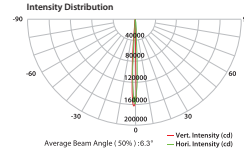
ACC.226
IP67 DMX Extention Cable (5m)

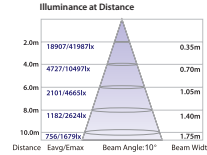
ACC.241
Filter Holder

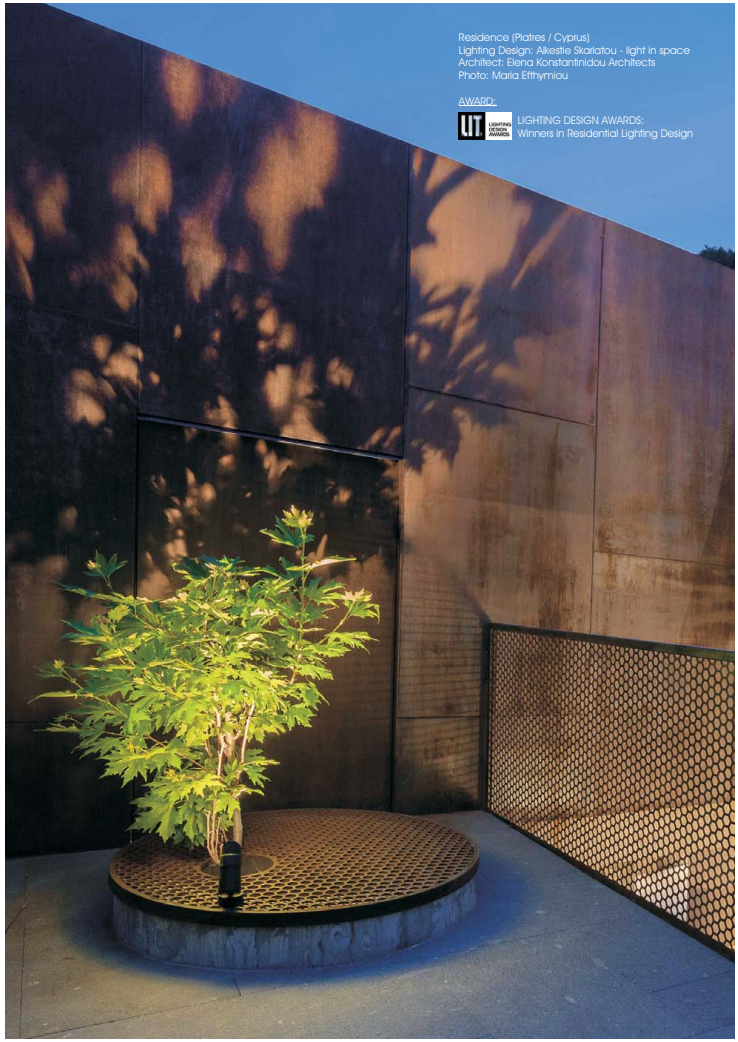
ACC.239
Barn Doors

Top Hat

Holder for Top Hat







Residence (Platres / Cyprus)
Lighting Design: Alkestis Skarlatou - light in space
Architect: Elena Konstantinidou Architects
Photo: Maria Efthymiou

AWARD:

LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design

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EXTERIOR
INGROUND
SURFACE
WALL
BOLLARD

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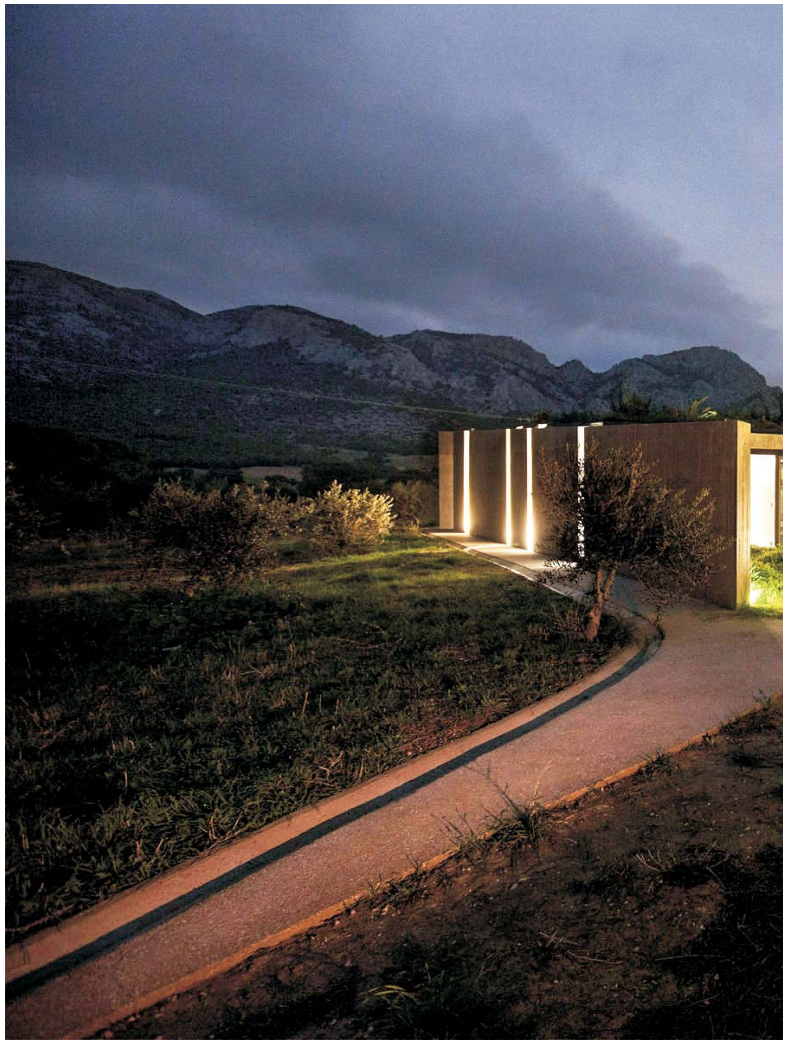

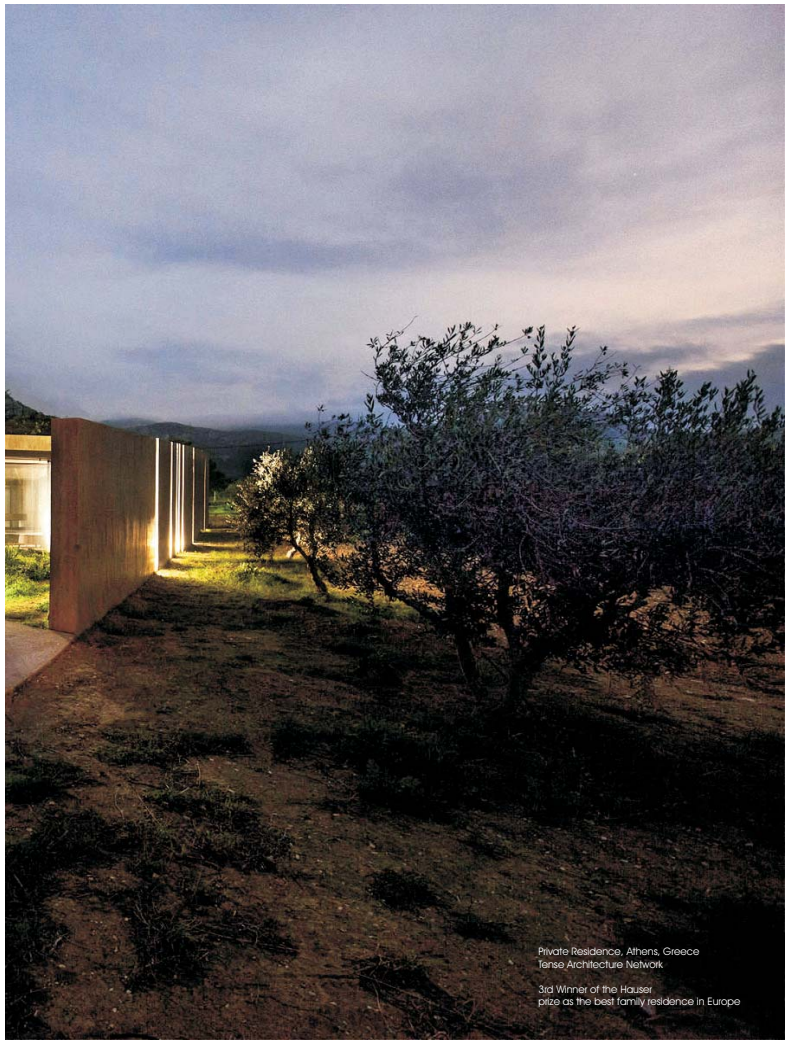

Private Residence, Athens, Greece
Tense Architecture Network

3rd Winner of the Hauser
prize as the best family residence in Europe

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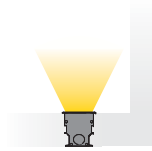
TERRAGON 80

Exterior Inground, Surface, Wall, Bollard

Terragon is the newest inground series engineered with premium materials. Terragon 80 is the highest in performance luminaire that guarantees outstanding performance and durability. The aluminum housing and stainless-steel frame showcase unparalleled resilience against weathering and corrosion, ensuring enduring aesthetic appeal. This luminaire seamlessly integrates form and function, boasting a sophisticated and contemporary design that transforms any outdoor space. Tailored for wall washing applications, Terragon 80 ensures a uniform and consistent distribution of light, bathing surfaces in an even glow. Notably, the luminaire offers a customizable tilt angle, providing designers control over the final lighting outcome and adding a layer of versatility to this cutting-edge design.

- TERRAGON 80 offers excellent uniformity and colour consistency.
- Antiglare control through the use of either honeycomb or micro louvre options. Optional for all models.
- Supplied with input cable & IP 68 connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- Walk Over: Up to 500kg (5kN).
- Maximum Static Load: Up to 2000kg (20kN).
- Ingress Protection: IP68/IP67
- Adjustable tilt angle ± 15° for the IP67 model.
- Fixed tilt angle 0°,2.5°,5.0°,7.5° for the IP68 model.
- Recessed & Flat Recessed models.
- Suitable for marine and harsh environment applications.
- IK Rate: IK10
- Cost effective & Constant Power models at 24VDC.
- High efficient models from 24VDC up to 48VDC.

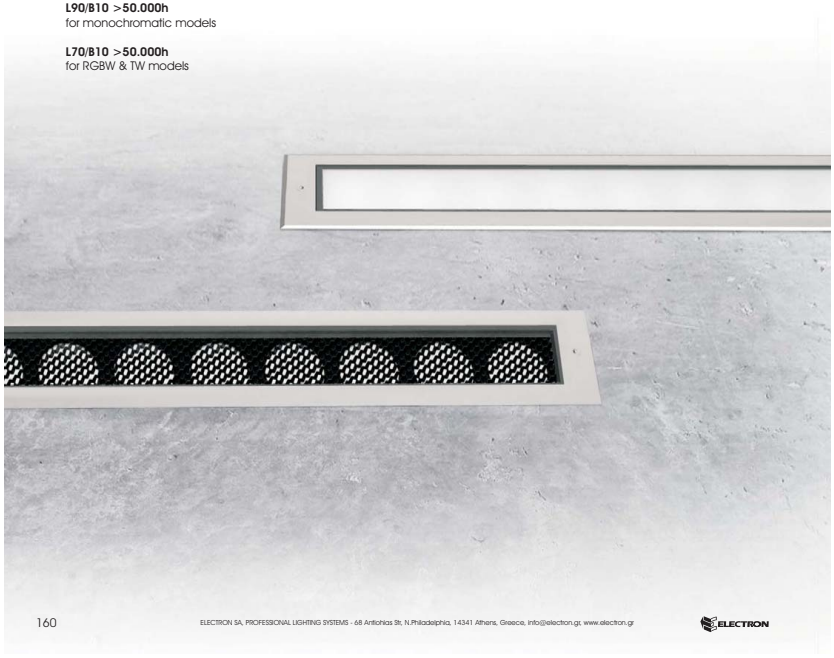


Constant Power for RGBW & TW models provides:

- Up to 400% more color intensity (per color) compared to conventional directional models.
- Lighting power remains constant regardless of the selected color combination.

L90/B10 >50.000h
for monochromatic models

L70/B10 >50.000h
for RGBW & TW models



ELECTRON

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

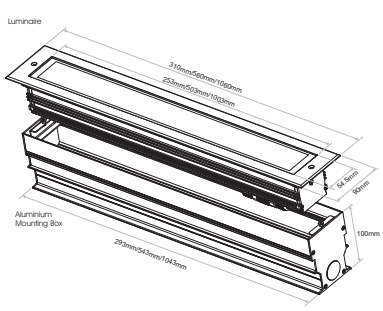
Installation:	In-ground
LED light source:	Diffused lighting /Nichia LED. Directional lighting / Samsung LED.
Diffused:	Frost, Opal
Directional Optics:	Monochrome, Tunable White (2in1): 8° Monochrome, Tunable White (2in1), RGBW, RGBA: 12°, 22°, 45°, 60°, 12°x40°, 15°x50°, 15°x80°, 40°x12°, 50°x15°, 80°x15°
Lengths:	31cm/56cm/106cm
No of LEDs (31/56/106cm):	5/10/20 (directional version)
Power Supply:	From 24VDC up to 48VDC (depending on the model).
Power for Diffused:	Monochrome: 31cm:16W, 56cm: 32W, 106cm: 63W TW: 31cm:15W, 56cm: 30W, 106cm: 60W RGBW: 31cm:20W, 56cm: 41W, 106cm:81W
Power for Directional:	31cm: 17.5W, 56cm: 35W, 106cm:70W
Ingress protection:	IP68/IP67 (depending on the model)
Operation Ambient temperature:	-25°C to +50°C

Materials

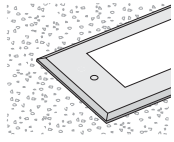
Main body:	Powder coated natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	10mm tempered Low-Iron Glass.
Frame:	316 L stainless steel.
Finishes (End caps):	Powder coated natural anodized anticorodal aluminium EN AW-5052.
Optics:	PMMA collimating lens.
Sealing O'rings:	Buna-N Nitrile (NBR)
Connectors:	PA66 NYLON
Printed circuit:	Insulated metal substrate PCB.
Power cords:	15cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.
Screws:	Stainless steel

Powder coating characteristics:

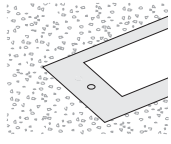
Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2 EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth.



Recessed



Flat Recessed



Clear

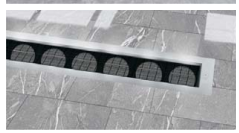
RC Clear

RC Clear Honeycomb

RC Clear Micro Louvre

FRC Clear

FRC Clear Honeycomb



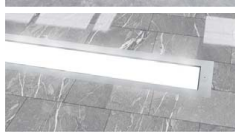
FRC Clear Micro Louvre

Opal

RC Opal

RC Opal Honeycomb

RC Opal Micro Louvre



FRC Opal

FRC Opal Honeycomb

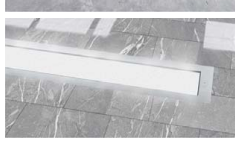
FRC Opal Micro Louvre

Frosted

RC Frosted

RC Frosted Honeycomb

RC Frosted Micro Louvre



FRC Frosted

FRC Frosted Honeycomb

FRC Frosted Micro Louvre

Tilt adjustable model offers increased flexibility and versatility, the tilt angle can be altered from -15° to +15° degrees, allowing for a wide range of lighting applications. TERRAGON's adjustability ensures that the desired lighting effect can be achieved with ease.

Aluminium Mounting Box

ACR.149 31cm
ACR.150 56cm
ACR.151 106cm

Accessories

IP68 Socket Connector (Female)
2-POLE **CNC.110**
3-POLE **CNC.112**
5-POLE **CNC.114**

IP68 Plug Connector (Male)
2-POLE **CNC.111**
3-POLE **CNC.113**
5-POLE **CNC.115**

CNC.106
IP68 Junction box 4way / 2--5pole

CNC.109
IP68 Joint connector 2way / 2--5pole

Extension Cable
2-POLE **WIR.118**
3-POLE **WIR.119**
5-POLE **WIR.120**

Diffused Models

LIGHTSOURCE BY NICHIA for Monochromatic

LIGHTSOURCE BY SAMSUNG for TW

IP68

Model	CCT	CRI	Led Source	Diffused Type	Watt / Length	Voltage	Extras
			63W/m				
TERRAGON 80 IP68 Diffused Recessed *(TERRAGON 8068 DIFF RC)*	2700K	80 *(2780)*	9195lm	Frost *(FR)*	15.8W / 31cm *(16W031)*	24VDC *(24)*	None *(0)*
	3000K	80 *(3080)*	9480lm	Opal *(OP)*	31.5W / 56cm *(32W056)*		Honeycomb *(1)*
	4000K	80 *(4080)*	9750lm		63W / 106cm *(63W106)*		Micro Louvre 0° *(2)*
	5700K	80 *(5780)*	10035lm				Micro Louvre 15° *(3)*
TERRAGON 80 IP68 Diffused Flat Recessed *(TERRAGON 8068 DIFF FRC)*	*TUNABLE WHITE*		60W/m				
	TW (2700K÷5700K)	80 *(TW80)*	7761lm 3735÷4026lm		15W / 31cm *(15W031)*		
					30W / 56cm *(30W056)*		
		90 *(TW90)*	6747lm 3234÷3513lm		60W / 106cm *(60W106)*		
	RGBW		81W/m				
	RGBW (2700K) *(RGBW27)*		3144lm		20.25W / 31cm *(20W031)*		
	(RED)		462lm				
	(GREEN)		924lm		40.5W / 56cm *(41W056)*		
	(BLUE)		270lm				
	(WHITE)		1596lm		81W / 106cm *(81W106)*		
	RGBW (6000K) *(RGBW60)*		3114lm				
	(RED)		456lm				
	(GREEN)		966lm				
	(BLUE)		300lm				
	(WHITE)		1560lm				

Ordering Code Example: TERRAGON 8068 DIFF RC-3080-OP-63W106-24-1

TERRAGON 80

Exterior Inground, Surface, Wall, Bollard

High Efficiency Directional Models

LIGHTSOURCE BY SAMSUNG for Monochromatic

IP67 IP68

Model	CCT	CRI	Led Source	Beam Angle	Tilt Angle	Watt / Length	Voltage**	Extras
			70W/m					
TERRAGON 80 IP67 HE Directional Recessed *(TERRAGON 8067 HE DR RC)*	2700K	80 *(2780)*	7230lm	8°* *(08)*	Adjustable -15°+15° *(AD)*	17.5W / 31cm *(18W031)*	24~48VDC *(2448V)*	None *(0)*
	2700K	90 *(2790)*	5740lm	12° *(12)*		35W / 56cm *(35W056)*		Honeycomb *(1)*
	3000K	80 *(3080)*	7230lm	22° *(22)*		70W / 106cm *(70W106)*		Micro Louvre 0° *(2)*
	3000K	90 *(3090)*	5740lm	45° *(45)*				Micro Louvre 15° *(3)*
TERRAGON 80 IP67 HE Directional Flat Recessed *(TERRAGON 8067 HE DR FRC)*	4000K	80 *(4080)*	7730lm	60° *(60)*				
	4000K	90 *(4090)*	6740lm	12°x40° *(1240)*				
	5700K	80 *(5780)*	7730lm	15°x50° *(1550)*				
				15°x80° *(1580)*				
	TUNABLE WHITE		70W/m	40°x12° *(4012)*				
	TW (2700K+6000K)	90 *(TW90)*	5540lm (2520+3020lm)	50°x15° *(5015)*				
				80°x15° *(8015)*				
	RGBW		70W/m					
	RGBW (3000K)	*(RGBW30)*	4000lm					
	RGBW (4000K)	*(RGBW40)*	4095lm					
TERRAGON 80 IP68 HE Directional Recessed *(TERRAGON 8068 HE DR RC)*	(RED)		580lm		0° *(0)*			
	(GREEN)		1540lm		2.5° *(2.5)*			
	(BLUE)		530lm		5° *(5)*			
	(3000K)		1350lm		7.5° *(7.5)*			
	(4000K)		1445lm					
TERRAGON 80 IP68 HE Directional Flat Recessed *(TERRAGON 8068 HE DR FRC)*								

* 8° only for Monochromatic & Tunable models.
** Input Voltage from 24VDC up to 48VDC

Ordering Code Example: TERRAGON 8068 HE DR FRC-TW90-60-5-70W106-2448V-0

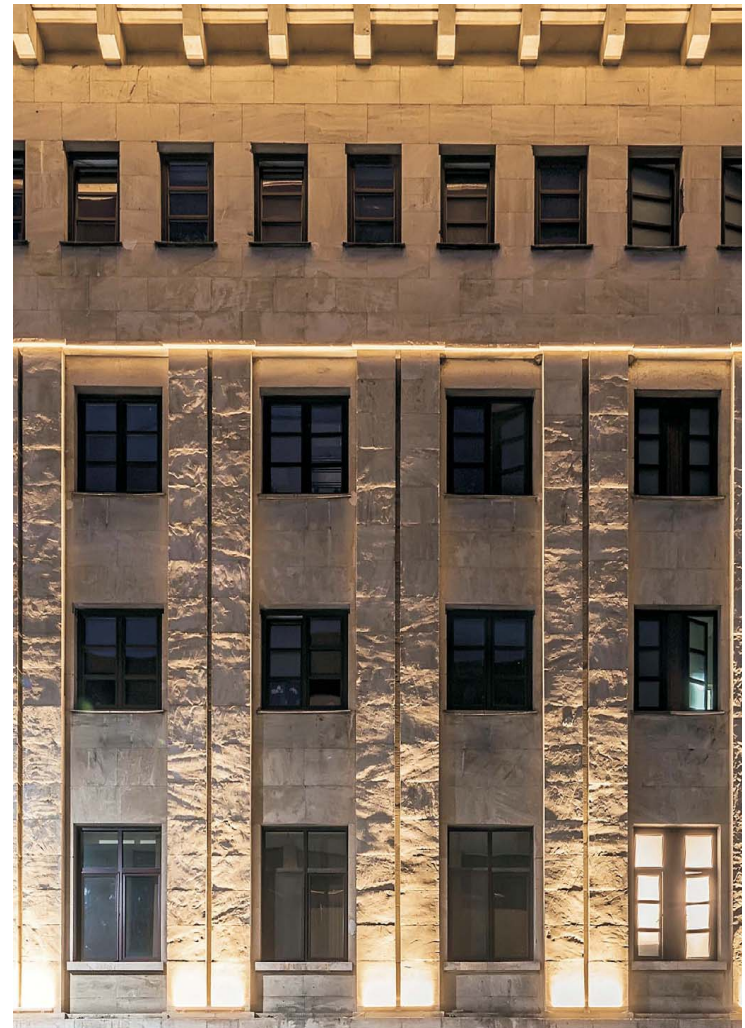
High Efficiency Constant Power Operation Models

IP67 IP68

Model*	CCT	CRI	Led Source	Beam Angle	Tilt Angle	Watt / Length	Voltage	Extras
TERRAGON 80 IP67 HE CP Directional Recessed *(TERRAGON 8067 HECP DR RC)*	*TUNABLE WHITE*		70W/m	8°** *(08)*	Adjustable -15°+15° *(AD)*	17.5W / 31cm *(18W031)*	24VDC *(24V)*	None *(0)*
	TW (2700K+6000K)	90 *(TW90)*	6075lm (5400+6750lm)	12° *(12)*		35W / 56cm *(35W056)*		Honeycomb *(1)*
TERRAGON 80 IP67 HE CP Directional Flat Recessed *(TERRAGON 8067 HECP DR FRC)*				22° *(22)*		70W / 106cm *(70W106)*		Micro Louvre 0° *(2)*
				45° *(45)*				Micro Louvre 15° *(3)*
				60° *(60)*				
	RGBW		70W/m	12°x40° *(1240)*				
	RGBW (3000K)	*(RGBW30)*	3338lm	15°x50° *(1550)*				
TERRAGON 80 IP68 HE CP Directional Recessed *(TERRAGON 8068 HECP DR RC)*	(RED)		2480lm	15°x80° *(1580)*	0° *(0)*			
	(GREEN)		5080lm	40°x12° *(4012)*	2.5° *(2.5)*			
	(BLUE)		860lm	50°x15° *(5015)*	5° *(5)*			
	(3000K)		4930lm	80°x15° *(8015)*	7.5° *(7.5)*			
TERRAGON 80 IP68 HE CP Directional Flat Recessed *(TERRAGON 8068 HECP DR FRC)*								

*High Efficiency Constant Power models can only be driven with Electron constant power drivers.
** 8° only for Monochromatic & Tunable models.

Ordering Code Example: TERRAGON 8067 HECP DR RC-RGBW40-1240-AD-35W056-24V-2



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TERRAGON 40

Terragon is the newest inground series engineered with premium materials. Terragon 40 is the smallest luminaire that guarantees outstanding performance and durability. The aluminum housing and stainless steel frame offer superior resistance to weathering and corrosion, ensuring enduring aesthetic appeal. TERRAGON 40 provides a perfect blend of form and function, featuring a sleek and modern design that will elevate any outdoor space. It is perfect for wall washing, as it provides a uniform and consistent distribution of light, ensuring evenly illuminated surfaces. TERRAGON 40 comes with customizable tilt angle, offering designers control over the final lighting outcome.

- TERRAGON 40 offers excellent uniformity and colour consistency.
- Antiglare control through the use of either honeycomb or micro louvre options. Optional for all models.
- Supplied with input cable & IP 68 connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- Walk Over: Up to 500kg (5kN).
- Maximum Static Load: Up to 2000kg (20kN).
- Ingress Protection: IP68/IP67
- Adjustable tilt angle ±15° for the IP67 model.
- Fixed tilt angle 0°,2.5°,5.0°,7.5° for the IP68 model.
- Recessed & Flat Recessed models.
- Suitable for marine and harsh environment applications.
- IK Rate: IK07
- Cost effective & Constant Power models at 24VDC.
- High efficient models from 24VDC up to 48VDC.

Constant Power for RGBW & TW models provides:

- Up to 400% more color intensity (per color) compared to conventional directional models.
- Lighting power remains constant regardless of the selected color combination.

L90/B10 >50.000h
for monochromatic models

L70/B10 >50.000h
for RGBW & TW models

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ELECTRON

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features:

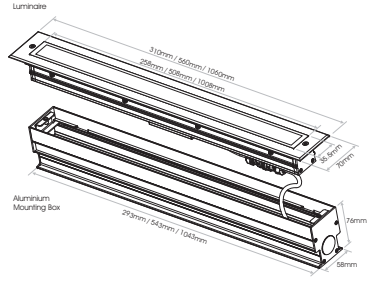
Installation:	In-ground
LED light source:	Diffused lighting /Nichia LED. Directional lighting / Samsung LED.
Diffused:	Frost, Opal
Directional Optics:	Monochrome: 15°, 25°, 40°, 10°x30°, 15°x45° RGBW, TW: 12°, 25°, 15°x30°, 12°x50°
Lengths:	31cm/56cm/106cm
No of LEDs (31/56/106cm):	6/12/24 (directional version).
Power Supply:	From 24VDC up to 48VDC (depending on the model).
Power for Diffused:	31cm:10.5W, 56cm:21W, 106cm:42W
Power for Directional:	31cm:10W, 56cm:20W, 106cm:40W
Ingress protection:	IP68/IP67 (depending on the model)
Operation Ambient temperature:	-25°C to +50°C

Materials

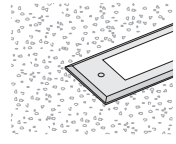
Main body:	Powder coated natural anodized anticorodal aluminium EN AW-6060.
Protective cover:	6mm tempered Low-Iron glass.
Frame:	316 L stainless steel.
Finishes (End caps):	Powder coated natural anodized anticorodal aluminium EN AW-5052.
Optics:	PMMA collimating lens.
Sealing O'rings:	Buna-N Nitrile (NBR)
Connectors:	PA66 NYLON
Printed circuit:	Insulated metal substrate PCB.
Power cords:	15cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.
Screws:	Stainless steel

Powder coating characteristics:

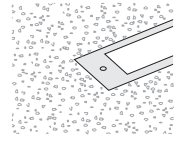
Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2 EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth.



Recessed



Flat Recessed



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Clear

RC Clear

RC Clear Honeycomb

RC Clear Micro Louvre

FRC Clear

FRC Clear Honeycomb

FRC Clear Micro Louvre

Opal

RC Opal

RC Opal Honeycomb

RC Opal Micro Louvre

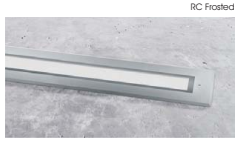
FRC Opal

FRC Opal Honeycomb

FRC Opal Micro Louvre

Frosted

RC Frosted



RC Frosted Honeycomb

RC Frosted Micro Louvre

FRC Frosted

FRC Frosted Honeycomb

FRC Frosted Micro Louvre

Tilt adjustable model offers increased flexibility and versatility, the tilt angle can be altered from -15° to +15° degrees, allowing for a wide range of lighting applications. TERRAGON's adjustability ensures that the desired lighting effect can be achieved with ease.

Aluminium Mounting Box

ACR.126 31cm
ACR.127 56cm
ACR.128 106cm

Accessories

IP68 Socket Connector (Female)

2-POLE **CNC.110**
3-POLE **CNC.112**
5-POLE **CNC.114**

Extension Cable

2-POLE **WIR.118**
3-POLE **WIR.119**
5-POLE **WIR.120**

IP68 Plug Connector (Male)

2-POLE **CNC.111**
3-POLE **CNC.113**
5-POLE **CNC.115**

CNC.106
IP68 Junction box 4way / 2--5pole

CNC.109
IP68 Joint connector 2way / 2--5pole

Diffused Models

LIGHTSOURCE BY NICHIA for Monochromatic · LIGHTSOURCE BY SAMSUNG for TW · IP68

Model	CCT	CRI	Led Source	Diffused Type	Watt / Length	Voltage	Extras
			42W/m				
TERRAGON 40 IP68 Diffused Recessed *(TERRAGON 4068 DIFF RC)*	2700K	80 *(2780)*	6130lm	Frost *(FR)*	10.5W / 31cm* *(11W031)*	24VDC *(24)*	None *(0)*
	3000K	80 *(3080)*	6320lm	Opal *(OP)*	21W / 56cm *(21W056)*		Honeycomb *(1)*
	4000K	80 *(4080)*	6500lm		42W / 106cm *(42W106)*		Micro Louvre *(2)*
	5700K	80 *(5780)*	6690lm				
TERRAGON 40 IP68 Diffused Flat Recessed *(TERRAGON 4068 DIFF FRC)*	*TUNABLE WHITE*		40W/m				
	TW (2700K+5700K)	80 *(TW80)*	5160lm (2490+2685lm)				
		90 *(TW90)*	4480lm (2155+2340lm)				
	RGBW		39W/m				
	RGBW (2700K) *(RGBW27)*		1645lm				
	(RED)		242lm				
	(GREEN)		592lm				
	(BLUE)		172lm				
	(WHITE)		582lm				
	RGBW (6000K) *(RGBW60)*		1450lm				
	(RED)		168lm				
	(GREEN)		416lm				
	(BLUE)		132lm				
	(WHITE)		678lm				

* 31cm not available for RGBW models.

Ordering Code Example: TERRAGON 4068 DIFF RC-3080-OP-42W106-24-1

Standard Directional Models

LIGHTSOURCE BY SAMSUNG for Monochromatic · IP67 · IP68

Model	CCT	CRI	Led Source	Beam Angle	Tilt Angle	Watt / Length	Voltage	Extras
			40W/m					
TERRAGON 40 IP67 Directional Recessed *(TERRAGON 4067 DR RC)*	2700K	80 *(2780)*	3820lm	15° *(15)*	Adjustable -15°+15° *(AD)*	10W / 31cm *(10W031)*	24VDC *(24)*	None *(0)*
	2700K	90 *(2790)*	2970lm	25° *(25)*		20W / 56cm *(20W056)*		Honeycomb *(1)*
	3000K	80 *(3080)*	3820lm	40° *(40)*		40W / 106cm *(40W106)*		Micro Louvre *(2)*
TERRAGON 40 IP67 Directional Flat Recessed *(TERRAGON 4067 DR FRC)*	3000K	90 *(3090)*	3250lm	10°x30° *(1030)*				
	4000K	80 *(4080)*	4100lm	15°x45° *(1545)*				
	4000K	90 *(4090)*	3820lm					
	5700K	80 *(5780)*	4385lm					
	TUNABLE WHITE		40W/m					
	TW (2700K+5700K)	90 *(TW90)*	2735lm (1325+1410lm)	12° *(12)*				
				25° *(25)*				
				15°x30° *(1530)*				
				12°x50° *(1250)*				
	RGBW		40W/m					
	RGBA (AMBER) *(RGBWA)*		1835lm					
	RGBW (3000K) *(RGBW30)*		2125lm					
	RGBW (4000K) *(RGBW40)*		2230lm					
TERRAGON 40 IP68 Directional Recessed *(TERRAGON 4068 DR RC)*	(RED)		410lm		0° *(0)*			
	(GREEN)		770lm		2.5° *(2.5)*			
	(BLUE)		240lm		5° *(5)*			
	(AMBER)		415lm		7.5° *(7.5)*			
TERRAGON 40 IP68 Directional Flat Recessed *(TERRAGON 4068 DR FRC)*	(3000K)		705lm					
	(4000K)		810lm					

Ordering Code Example: TERRAGON 4067 DR FRC-4090-45-AD-42W106-24-0

High Efficiency Directional Models

LIGHTSOURCE BY SAMSUNG for Monochromatic · IP67 · IP68

Model	CCT	CRI	Led Source	Beam Angle	Tilt Angle	Watt / Length	Voltage*	Extras
			40W/m					
TERRAGON 40 IP67 HE Directional Recessed *(TERRAGON 4067 HE DR RC)*	2700K	80 *(2780)*	4765lm	15° *(15)*	Adjustable -15°+15° *(AD)*	10W / 31cm *(10W031)*	24~48VDC *(2448V)*	None *(0)*
	2700K	90 *(2790)*	3710lm	25° *(25)*		20W / 56cm *(20W056)*		Honeycomb *(1)*
	3000K	80 *(3080)*	4765lm	40° *(40)*		40W / 106cm *(40W106)*		Micro Louvre *(2)*
TERRAGON 40 IP67 HE Directional Flat Recessed *(TERRAGON 4067 HE DR FRC)*	3000K	90 *(3090)*	4060lm	10°x30° *(1030)*				
	4000K	80 *(4080)*	5120lm	15°x45° *(1545)*				
	4000K	90 *(4090)*	4765lm					
	5700K	80 *(5780)*	5470lm					
	TUNABLE WHITE		40W/m					
	TW (2700K+5700K)	90 *(TW90)*	3430lm (1630+1800lm)	12° *(12)*				
				25° *(25)*				
				15°x30° *(1530)*				
				12°x50° *(1250)*				
	RGBW		40W/m					
	RGBA (AMBER) *(RGBWA)*		2395lm					
	RGBW (3000K) *(RGBW30)*		2760lm					
	RGBW (4000K) *(RGBW40)*		2895lm					
TERRAGON 40 IP68 HE Directional Recessed *(TERRAGON 4068 HE DR RC)*	(RED)		530lm		0° *(0)*			
	(GREEN)		1010lm		2.5° *(2.5)*			
	(BLUE)		320lm		5° *(5)*			
	(AMBER)		535lm		7.5° *(7.5)*			
TERRAGON 40 IP68 HE Directional Flat Recessed *(TERRAGON 4068 HE DR FRC)*	(3000K)		900lm					
	(4000K)		1035lm					

* Input Voltage from 24VDC up to 48VDC

Ordering Code Example: TERRAGON 4068 HE DR FRC-TW80-25-5-42W106-2448V-0

High Efficiency Constant Power Operation Models

IP67 · IP68

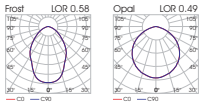
Model*	CCT	CRI	Led Source	Beam Angle	Tilt Angle	Watt / Length	Voltage	Extras
TERRAGON 40 IP67 HE CP Directional Recessed *(TERRAGON 4067 HECP DR RC)*	*TUNABLE WHITE*		40W/m	12° *(12)*	Adjustable -15°+15° *(AD)*	10W / 31cm *(10W031)*	24VDC *(24V)*	None *(0)*
	TW	90 *(TW90)*	3455lm	25° *(25)*		20W / 56cm *(20W056)*		Honeycomb *(1)*
TERRAGON 40 IP67 HE CP Directional Flat Recessed *(TERRAGON 4067 HECP DR FRC)*	(2700K)		3165lm	15°x30° *(1530)*		40W / 106cm *(40W106)*		Micro Louvre *(2)*
	(5700K)		3740lm	12°x50° *(1250)*				
	RGBW		40W/m					
	RGBW (3000K) *(RGBW30)*		2020lm					
TERRAGON 40 IP68 HE CP Directional Recessed *(TERRAGON 4068 HECP DR RC)*	(RED)		1775lm		0° *(0)*			
	(GREEN)		2880lm		2.5° *(2.5)*			
	(BLUE)		910lm		5° *(5)*			
TERRAGON 40 IP68 HE CP Directional Flat Recessed *(TERRAGON 4068 HECP DR FRC)*	(WHITE)		2520lm		7.5° *(7.5)*			

*High Efficiency Constant Power models can only be driven with Electron constant power drivers.

Ordering Code Example: TERRAGON 4067 HECP DR RC-RGBW40-1250-AD-42W106-24V-2

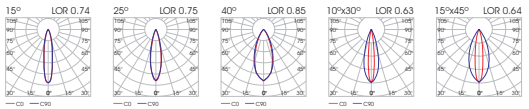
Monochromatic

Diffused Models



Monochromatic

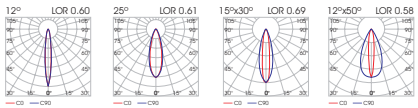
Standard Directional Models
High Efficiency Directional Models



10°x30° C0: 10° C90: 30°
15°x45° C0: 15° C90: 45°

RGBW, TW

Standard Directional Models
High Efficiency Directional Models
High Efficiency Constant Power Operation Models



15°x30° C0: 15° C90: 30°
12°x50° C0: 12° C90: 50°

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TERANO 40 IP68

Exterior Inground, Surface, Wall, Bollard

TERANO 40 is the new addition of Terano series. Crafted with top-quality PU (Polyurethane) materials, guaranteeing exceptional durability and weather resistant, and also seamlessly blends into every surrounding, adding a touch of modern elegance into any space.

- TERANO 40 offers excellent uniformity and color consistency.
- Antiglare control with honeycomb and microlouvre, optional for all models.
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & connectors upon request (as extra) (25cm models available only with input cable connectors).
- Walk Over: Up to 500kg (5kN)
- Maximum Static Load: Up to 2000kg (20kN).
- Ingress Protection: IP68
- IK Rate: IK10
- Cost effective & Constant Power models at 24VDC
- High efficient models from 24VDC up to 48VDC

Constant Power for RGBW & TW models:
- Up to 400% more color intensity (per color) compared to conventional directional models.
- Lighting power remains constant regardless of the selected color combination.

L90/B10 >50.000h
for Monochromatic models

L70/B10 >50.000h
for RGBW models

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features

Installation:	In-ground
LED light source:	Diffused lighting / Nichia LED. Directional lighting / Samsung LED.
Optics:	Monochrome: 18°,25°,45°,15°x30°,18°x40° RGBW, TW: 12°, 30°, 15°x30°, 12°x45°
Lengths:	25cm,50cm,100cm,150cm,200cm
No of LEDs (25/50/100/150/200cm):	6/12/24/36/48
Power Supply:	From 24VDC up to 48VDC (depending on the model)
Power:	25cm:10W, 50cm:20W, 100cm:40W, 150cm:60W, 200cm:80W
Ingress protection:	IP68
Operation Ambient temperature:	-25°C...+50°C

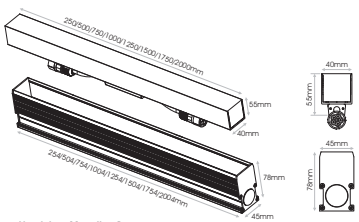
Materials

Main Body:	Natural Anodized anti-corodal aluminium, EN AW-6060 T66
Finishes (End caps):	Anodized anticorodal aluminium EN AW-5052.
Optics:	PMMA collimating lens.
Connectors:	PA66 NYLON
Printed Circuit:	Insulated metal substrate PCB
Power Cords:	Suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.
Screws:	Stainless Steel

PU (Polyurethane) material:

Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279



Aluminium Mounting Box

ACR.129	25cm
ACR.130	50cm
ACR.131	75cm
ACR.132	100cm
ACR.133	125cm
ACR.134	150cm
ACR.135	175cm
ACR.136	200cm

Diffused Models

LIGHTSOURCE BY NICHIA for Monochromatic · LIGHTSOURCE BY SAMSUNG for TW · IP68

Model	CCT	CRI	Led Source	Diffused Type	Watt / Length*	Voltage	Extras
			42W/m				
TERANO 40 IP68 Diffused *(TERANO 4068 DIFF)*	2700K	80 *(2780)*	6130lm	Opal *(OP)*	10.5W / 25cm *(11W025)*	24VDC *(24)*	None *(0)*
	3000K	80 *(3080)*	6320lm		21W / 50cm *(21W050)*		Honeycomb *(1)*
	4000K	80 *(4080)*	6500lm		42W / 100cm *(42W100)*		Microlouvre *(2)*
	5700K	80 *(5780)*	6690lm		63W / 150cm *(63W150)*		
					84W / 200cm *(84W200)*		
	TUNABLE WHITE		40W/m				
	TW (2700K+5700K)	80 *(TW80)*	5160lm 2490+2685lm				
		90 *(TW90)*	4480lm 2155+2340lm				
	RGBW		39W/m				
	RGBW (2700K) *(RGBW27)*		1645lm				
	(RED)		242lm				
	(GREEN)		592lm				
	(BLUE)		172lm				
	(WHITE)		582lm				
	RGBW (6000K) *(RGBW60)*		1450lm				
	(RED)		168lm				
	(GREEN)		416lm				
	(BLUE)		132lm				
	(WHITE)		678lm				

* 25cm not available for RGBW models.

Ordering Code Example: TERANO 4068 DIFF-3080-OP-42W100-24-1

Standard Directional Models

LIGHTSOURCE BY SAMSUNG for Monochromatic · IP68

Model	CCT	CRI	Led Source	Beam Angle	Watt / Length	Voltage	Extras
			40W/m				
TERANO 40 IP68 Directional *(TERANO 4068 DR)*	2700K	80 *(2780)*	3820lm	18° *(18)*	10W / 25cm *(10W025)*	24VDC *(24)*	Honeycomb* *(1)*
	2700K	90 *(2790)*	2970lm	25° *(25)*	20W / 50cm *(20W050)*		Microlouvre *(2)*
	3000K	80 *(3080)*	3820lm	45° *(45)*	40W / 100cm *(40W100)*		
	3000K	90 *(3090)*	3250lm	15°x30° *(1530)*	60W / 150cm *(60W150)*		
	4000K	80 *(4080)*	4100lm	18°x40° *(1840)*	80W / 200cm *(80W200)*		
	4000K	90 *(4090)*	3820lm				
	5700K	80 *(5780)*	4385lm				
	TUNABLE WHITE		40W/m				
	TW (2700K+5700K)	90 *(TW90)*	2735lm 1325+1410lm	12° *(12)* 30° *(30)* 15°x30° *(1530)* 12°x45° *(1245)*			
	RGBW		40W/m				
	RGBA (AMBER) *(RGBWA)*		1835lm				
	RGBW (3000K) *(RGBW30)*		2125lm				
	RGBW (4000K) *(RGBW40)*		2230lm				
	(RED)		410lm				
	(GREEN)		770lm				
	(BLUE)		240lm				
	(AMBER)		415lm				
	(3000K)		705lm				
	(4000K)		810lm				

* Honeycomb not available with 18°, 25° & 12°(TW).

Ordering Code Example: TERANO 4068 DR-4090-45-40W100-24-1

High Efficiency Directional Models

LIGHTSOURCE BY SAMSUNG for Monochromatic · IP68

Model	CCT	CRI	Led Source	Beam Angle	Watt / Length	Voltage*	Extras
			40W/m				
TERANO 40 IP68 HE Directional Recessed *(TERANO 4068 HEDR)*	2700K	80 *(2780)*	4765lm	18° *(18)*	10W / 25cm *(10W025)*	24~48VDC *(24-48V)*	Honeycomb** *(1)*
	2700K	90 *(2790)*	3710lm	25° *(25)*	20W / 50cm *(20W050)*		Microlouvre *(2)*
	3000K	80 *(3080)*	4765lm	45° *(45)*	40W / 100cm *(40W100)*		
	3000K	90 *(3090)*	4060lm	15°x30° *(1530)*	60W / 150cm *(60W150)*		
	4000K	80 *(4080)*	5120lm	18°x40° *(1840)*	80W / 200cm *(80W200)*		
	4000K	90 *(4090)*	4765lm				
	5700K	80 *(5780)*	5470lm				
	TUNABLE WHITE		40W/m				
	TW (2700K+5700K)	90 *(TW90)*	3430lm 1630+1800lm	12° *(12)* 30° *(30)* 15°x30° *(1530)* 12°x45° *(1245)*			
	RGBW		40W/m				
	RGBA (AMBER) *(RGBWA)*		2395lm				
	RGBW (3000K) *(RGBW30)*		2760lm				
	RGBW (4000K) *(RGBW40)*		2895lm				
	(RED)		530lm				
	(GREEN)		1010lm				
	(BLUE)		320lm				
	(AMBER)		535lm				
	(3000K)		900lm				
	(4000K)		1035lm				

* Input Voltage from 24VDC up to 48VDC
** Honeycomb not available with 18°, 25° & 12°(TW).

Ordering Code Example: TERANO 4068 HEDR-TW90-25-40W100-2448V-1

High Efficiency Constant Power Operation Models

IP68

Model*	CCT	CRI	Led Source	Beam Angle	Watt / Length	Voltage	Extras
TERANO 40 IP68 HE CP Directional *(TERANO 4068 HECPDR)*	*TUNABLE WHITE*		40W/m	12° *(12)* 30° *(30)* 15°x30° *(1530)* 12°x45° *(1245)*	10W / 25cm *(10W025)* 20W / 50cm *(20W050)* 40W / 100cm *(40W100)* 60W / 150cm *(60W150)* 80W / 200cm *(80W200)*	24VDC *(24V)*	Honeycomb** *(1)* Microlouvre *(2)*
	TW	90 *(TW90)*	3455lm				
	(2700K)		3165lm				
	(5700K)		3740lm				
	RGBW		40W/m				
	RGBW (3000K) *(RGBW30)*		2020lm				
	(RED)		1775lm				
	(GREEN)		2880lm				
	(BLUE)		910lm				
	(WHITE)		2520lm				

*High Efficiency Constant Power models can only be driven with Electron constant power drivers.
** Honeycomb not available with 12°.

Ordering Code Example: TERANO 4068 HECPDR-RGBW30-1250-60W150-24V-1

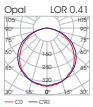
TERANO 40 IP68

Exterior Inground, Surface, Wall, Bollard

Monochromatic

Diffused Models

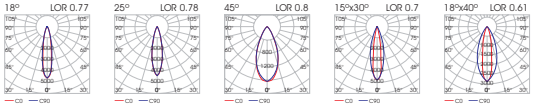
Opal LOR 0.41



Monochromatic

Standard Directional Models
High Efficiency Directional Models

18° LOR 0.77 | 25° LOR 0.78 | 45° LOR 0.8 | 15°x30° LOR 0.7 | 18°x40° LOR 0.61

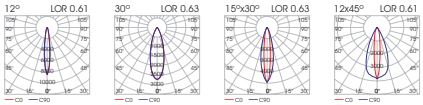


15°x30° C0: 15° C90: 30°
18°x40° C0: 18° C90: 40°

RGBW, TW

Standard Directional Models
High Efficiency Directional Models
High Efficiency Constant Power Operation Models

12° LOR 0.61 | 30° LOR 0.63 | 15°x30° LOR 0.63 | 12x45° LOR 0.61



15°x30° C0: 15° C90: 30°
12°x45° C0: 12° C90: 45°

Accessories

IP68 Socket Connector (Female)

2-POLE **CNC.110**
3-POLE **CNC.112**
5-POLE **CNC.114**

IP68 Plug Connector (Male)

2-POLE **CNC.111**
3-POLE **CNC.113**
5-POLE **CNC.115**

CNC.106
IP68 Junction box 4way / 2–5pole

CNC.109
IP68 Joint connector 2way / 2–5pole

PRH.108
Allignment kit for anodized model

PRH.124
Disassembly kit. Use to take the fixture out of the mounting box.

Extension Cable

2-POLE **WIR.118**
3-POLE **WIR.119**
5-POLE **WIR.120**

Input & Output cables

Input cable with IP connectors
(as standard)

Input & Output cable with IP connectors
(as extra)

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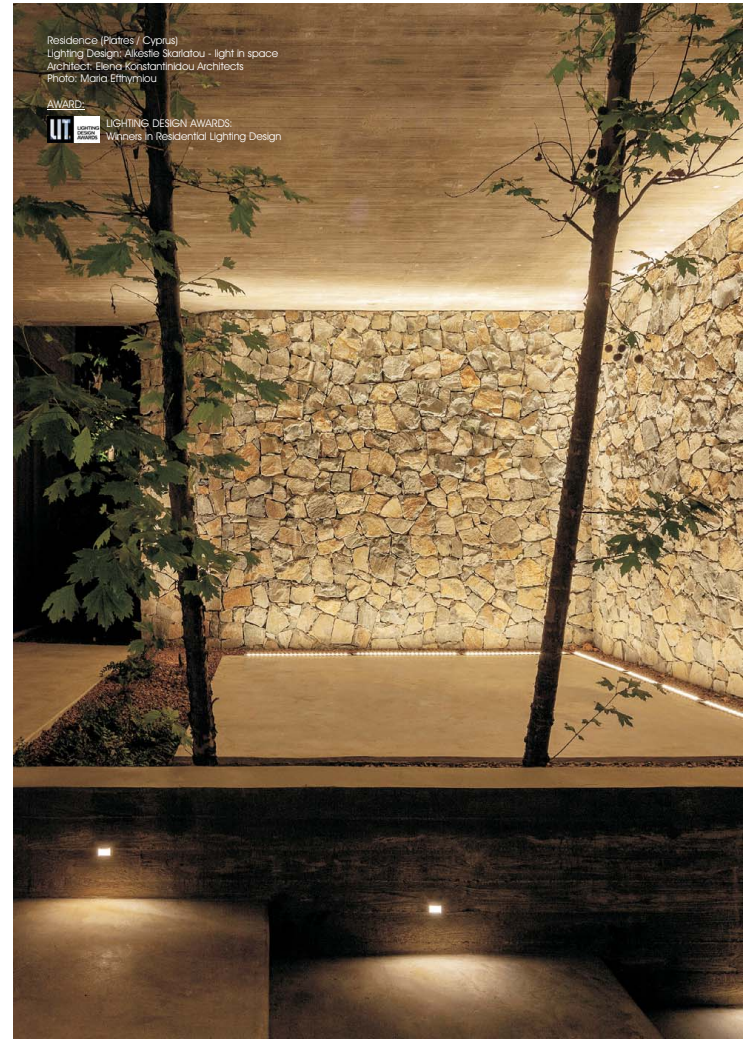
ELECTRON



Residence (Platres / Cyprus)
Lighting Design: Alkestis Skarlatou - light in space
Architect: Elena Konstantinidou Architects
Photo: Maria Efthymiou

AWARD:

LIT LIGHTING DESIGN AWARDS
LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design

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TERANO 25 IP68

Exterior Inground, Surface, Wall, Bollard

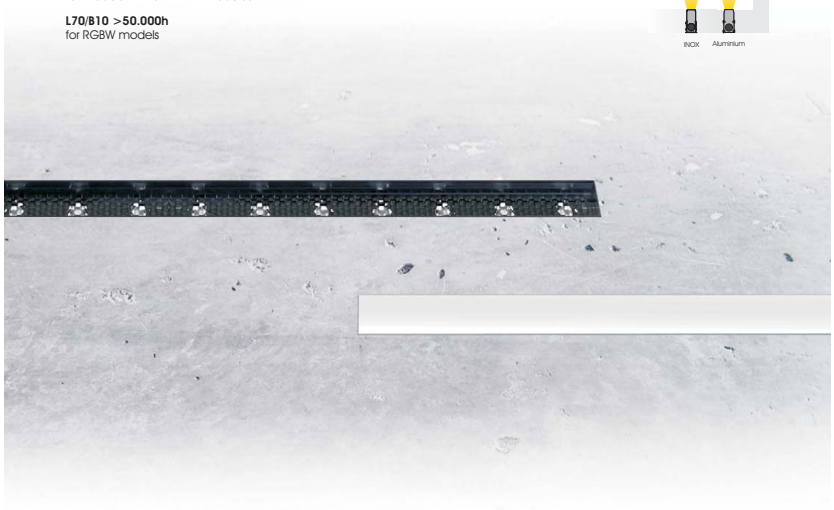
TERANO 25 IP68 is a custom made linear inground luminaire of TERANO series.
Crafted with top-quality PU (Polyurethane) materials, guaranteeing exceptional durability and weather resistant seamlessly blends into every surrounding, adding a touch of modern elegance into any space.

- TERANO offers excellent uniformity with colour consistency.
- It is available Opal/Clear with LED strips (Samsung LEDs) or with LED modules (CREE LEDs) with different lenses available.
- TERANO with LED modules are offered with honeycomb to ensure visual comfort.
- Housing material: Stainless steel 316 or anodized aluminium.
- Supplied with in-out IP68 cable & connector as standard (25cm models have only input cable connectors).
- Walk Over: Up to 500kg (5kN).
- Maximum Static Load: Up to 2000kg (20kN) for Opal & Clear models with Honeycomb.
- Ingress Protection: IP68
- IK Rate: IK10

L80/B10 >50.000h
for models with Samsung LED strips monochromatic, TW

L90/B10 >50.000h
for models with CREE LED modules

L70/B10 >50.000h
for RGBW models



Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Technical features

Installation:	In-ground
LED light source:	Diffused lighting / Samsung LED. Directional lighting / CREE LED.
Optics:	Monochrome: 2.5°, 5°, 25°, 35°, 15°x40°
Lengths:	25cm, 50cm, 75cm, 100cm, 125cm, 150cm, 175cm, 200cm
No of LEDs (25/50/100/150/200cm):	7/14/28/42/56 (directional)
Power Supply:	24VDC
Power:	Different depending on the model.
Ingress protection:	IP68
Operation Ambient temperature:	-25°C...+50°C

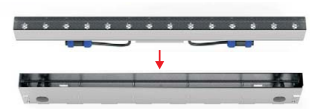
Materials

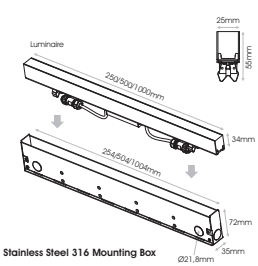
Main Body:	Natural Anodized anti-corodal aluminium, EN AW-6060 T66
Finishes (End caps):	Anodized anticorodal aluminium EN AW-5052.
Optics:	PMMA collimating lens.
Connectors:	PA66 NYLON
Printed Circuit:	Insulated metal substrate PCB
Power Cords:	15cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.
Screws:	Stainless Steel

PU (Polyurethane) material:
Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water. Thermal Shock – Heat - Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, QUV-A test. ACID Rain test ASTM G87. TABER test ASTM D1044. CROCKMETER test ASTM D6279

Stainless Steel 316

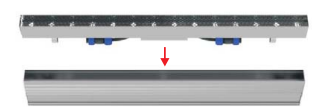


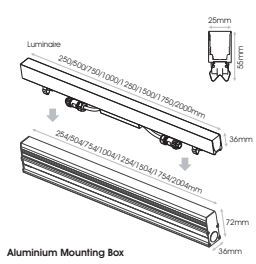


Stainless Steel 316 Mounting Box

ACR.123 25cm
ACR.124 50cm
ACR.125 100cm

Aluminium





Aluminium Mounting Box

ACR.115 25cm
ACR.116 50cm
ACR.117 75cm
ACR.118 100cm
ACR.119 125cm
ACR.120 150cm
ACR.121 175cm
ACR.122 200cm

TERANO 25 IP68

Exterior Inground, Surface, Wall, Bollard

for 15°/25°/35°/15°x40°

Opal/Clear
for Monochromatic & TW

IP68

Model	Luminaire Type	CCT	CRI	15W/m Samsung Led Source	24W/m Cree Led Source	Type / Beam angle	Watt* / Length**	Voltage	Extras
TERANO 25 IP68 *(TERANO 25 68)*	Stainless *(SS)* Steel 316	2700K *(2780)*	80	1840lm	2530lm	***With LED strip (Samsung LEDs)***		24VDC *(24)*	None *(0)*
		2700K *(2790)*	90	1554lm	2220lm	Opal *(OP)*	3.8W / 25cm *(04W025)*		Honeycomb *(1)*
	Anodized *(AN)*						7.5W / 50cm *(08W050)*		Microlouvre *(2)*
		3000K *(3080)*	80	1880lm	2690lm		11.3W / 75cm** *(11W075)*		
		3000K *(3090)*	90	1590lm	2370lm		15W / 100cm *(15W100)*		
							18.8W / 125cm** *(20W125)*		
		4000K *(4080)*	80	2000lm	2840lm		22.5W / 150cm** *(23W150)*		
		4000K *(4090)*	90	1670lm	2530lm		26.3W / 175cm** *(26W175)*		
							30W / 200cm** *(30W200)*		
		5700K *(5780)*	80	2045lm	2985lm				
		5700K *(5790)*	90	1710lm	2530lm				
						With LED modules (CREE LEDs) & Honeycomb			Honeycomb*** *(1)*
						Beam Angle***	6W / 25cm *(06W025)*		Microlouvre*** *(2)*
						25° *(25W)*	12W / 50cm *(12W050)*		
						35° *(35W)*	18W / 75cm** *(18W075)*		
						15°x40° *(1540W)*	24W / 100cm *(24W100)*		
						Beam Tilt	30W / 125cm** *(30W125)*		
						No tilt *(00)*	36W / 150cm** *(36W150)*		
						2.5° *(01)*	42W / 175cm** *(42W175)*		
						5° *(02)*	48W / 200cm** *(46W200)*		
		TUNABLE WHITE		**20W/m Samsung**		***With LED strip (Samsung LEDs)***			
		TW (WW+CW)	80 *(TW80)*	2580lm		Opal *(OP)*	20W / 100cm *(20W100)*		
			90 *(TW90)*	2240lm					
		RGBW		**19.5W/m**		***With LED strip***			
		RGBW *(RGBW)*		880lm		Opal *(OP)*	19.5W / 100cm *(19W100)*		

* Different power consumptions are available upon request.
** 75,125,150,175,200cm are available only for anodized model.
*** Beam angle 25° & 35° only available with Microlouver.
Beam angle 15°x40° only available with Honeycomb.

Ordering Code Example: TERANO 25 68-AN-4080-251-24W100-24-2

Accessories

30cm IP68 in line cable connectors for luminaire connections

2 pole **WIR.256**
3 pole **WIR.257**
4 pole **WIR.258**
5 pole **WIR.259**
(other cable lenghts upon request)

50cm IP68 Power supply cable connector

2 pole **WIR.252**
3 pole **WIR.253**
4 pole **WIR.254**
5 pole **WIR.255**
(other cable lenghts upon request)

CNC.106
IP68 Junction box 4way / 2–5pole

CNC.109
IP68 Joint connector 2way / 2–5pole

PRH.109
Alligment kit for Stainless steel model

PRH.108
Alligment kit for anodized model

PRH.110
Disassembly kit. Use to take the fixture out of the mounting box.

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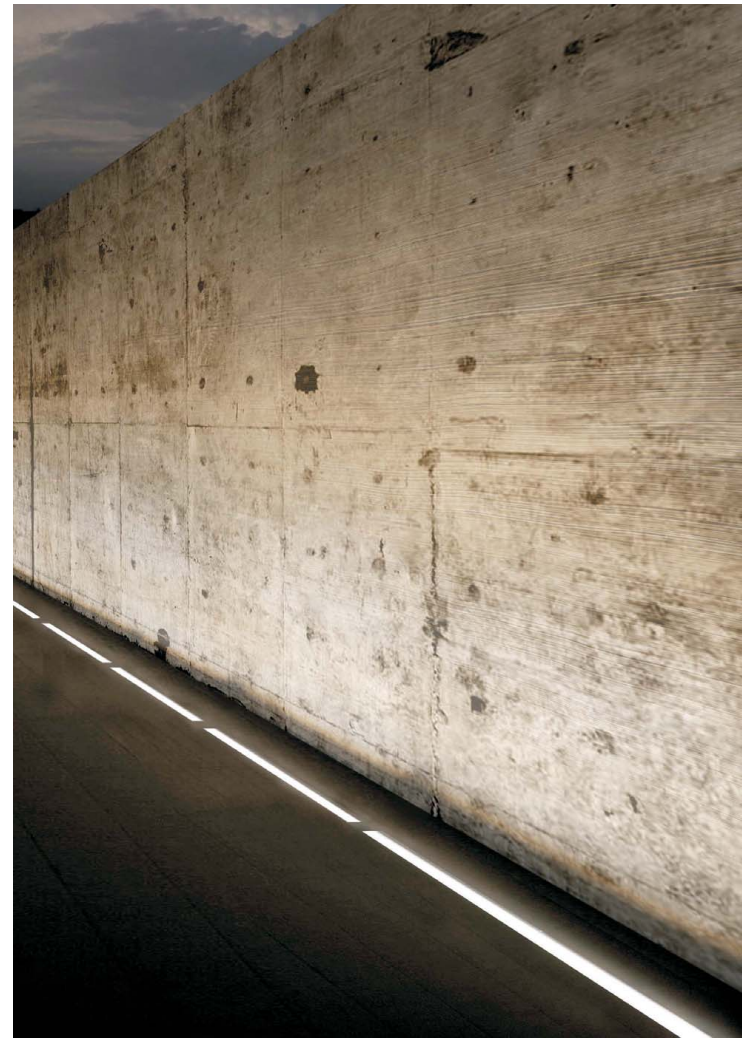

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GRAVITO XL 13

Exterior Inground, Surface, Wall, Bollard

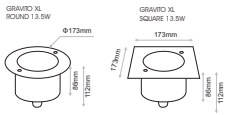
- Inground spot with honeycomb accessory
- Front plate: Stainless steel 316L
- Housing: Die-cast powder coated aluminum
- Mounting base: ABS 016
- Glass: Tempered glass, T=8mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H07RN-F 2x1.0mm² L=0.5m
- IK Rate: 07
- Ingress Protection: IP67
- PWM Dimmable
- Number of LEDs: 6
- Power Consumption: 12 Watt
- Maximum load: 2000kgs

LIGHTSOURCE BY OSRAM

IP67

Model	CCT	Luminaire Lumen	Type	CRI	Beam Angle	Voltage	Accessories
GRAVITO XL ROUND 13.5W *(GRAVITO XL RD13)*	3000K *(30O)* 4000K *(40O)*	783lm 870lm	Fixed *(FX)*	>80 *(80)*	9° *(09)* 15° *(15)* 20° *(20)* 30° *(30)* 45° *(45)*	24VDC PWM Dimmable *(24)*	***COVER*** Standard *(01)* Honeycomb *(11)* *(XX)* ***EXTRAS*** No Extras *(10)*
GRAVITO XL SQUARE 13.5W *(GRAVITO XL SQ13)*							

Ordering Code Example: *GRAVITO XL RD13-30O-FX-80-45-24-10*



ACC.232
Recessed Housing Box

ACC.279
Honeycomb supplied as extra

Exterior Inground, Surface, Wall, Bollard

DOKOS

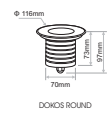
- DOKOS inground LED luminaire.
- Front plate: Stainless Steel.
- 1.800kg maximum weight.
- Osram LED
- IK rate: 09
- Dimmable

LIGHTSOURCE BY OSRAM

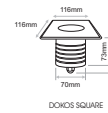
IP67

Code	Model*	No.LED	CCT	Watt	Lumens	Lumen Efficacy	Diameter	Voltage	Beam Angle	IP Rate
LGR.086	DOKOS ROUND	3	5600K	6W	475lm	79lm/W	116mm	24VDC	20°	IP67
LGR.087	DOKOS ROUND	3	3000K	6W	375lm	63lm/W	116mm	24VDC	20°	IP67
LGR.106	DOKOS ROUND	3	5600K	6W	475lm	79lm/W	116mm	24VDC	35°x45°	IP67
LGR.105	DOKOS ROUND	3	3000K	6W	375lm	63lm/W	116mm	24VDC	35°x45°	IP67

* Available in square upon request



DOKOS ROUND



DOKOS SQUARE

DOKOS SQUARE

GRETTO

Exterior Inground, Surface, Wall, Bollard

- Gretto is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic: luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (6°, 15°, 30°, 46°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

CREE LEDs | IP67

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Shape	Type	Dimming Option*	Accessories
			80 (80)	90 (90)					
GRETTO (GRETTO)	**6.5W** (7)	2700K (27C)	713lm	570lm	15° (15)	Round (RD)	Fixed (FX)	Without Driver (00)	**COVER**
		3000K (30C)	713lm	615lm	30° (30)	Square (SQ)		24V/48DC Non Dimmable (2448ND)	Standard (0☆)
		4000K (40C)	765lm	660lm	46° (46)			24VDC PWM Dimmable (24DM)	Honeycomb (1☆)
		5000K (50C)	765lm	713lm				48VDC PWM Dimmable (48DM)	Softening lens (2☆)
		6500K (65C)	765lm	-				230VAC Non Dimmable (230ND)	Line spread lens (3☆)
								230V Phase Cut (230PC)	(XX)
	4.1W (4)	2700K (27C)	440lm	355lm	6° (06)			Without Driver (00)	**EXTRAS**
		3000K (30C)	440lm	380lm				230VAC Non Dimmable (230ND)	No Extras (☆0)
		4000K (40C)	475lm	410lm				24V/48DC Non Dimmable (2448ND)	Emergency Kit (☆1)
		5000K (50C)	410lm	440lm				24VDC PWM Dimmable (24DM)	
								48VDC PWM Dimmable (48DM)	

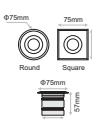
ACR.053 Honeycomb (as extra)

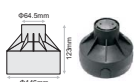
ACR.050 Softening lens (as extra)

ACR.051 Line spread lens (as extra)

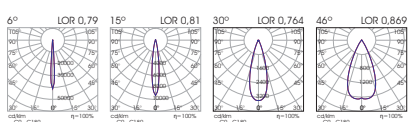
* With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: GRETTO 7-30C-90-46-RD-FX-00-10





ACR.049 Recessed Box



ELECTRON

Exterior Inground, Surface, Wall, Bollard

GRETTO TR
(Trimless)

- Gretto is an outdoor luminaire available in trimless round version.
- Body material: aluminium
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (6°, 15°, 30°, 46°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

CREE LEDs | IP67

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Dimming Option	Accessories
			80 (80)	90 (90)				
GRETTO Trimless (GRETTO TR)	**6.5W** (7)	2700K (27C)	713lm	570lm	15° (15)	Fixed (FX)	Without Driver (00)	**COVER**
		3000K (30C)	713lm	615lm	30° (30)		24VDC PWM Dimmable (24DM)	Standard (0☆)
		4000K (40C)	765lm	660lm	46° (46)		48VDC PWM Dimmable (48DM)	Honeycomb (1☆)
		5000K (50C)	765lm	713lm				Softening lens (2☆)
		6500K (65C)	765lm	-				Line spread lens (3☆)
								(XX)
	4.1W (4)	2700K (27C)	440lm	355lm	6° (06)		Without Driver (00)	**EXTRAS**
		3000K (30C)	440lm	380lm			24VDC PWM Dimmable (24DM)	No Extras (☆0)
		4000K (40C)	475lm	410lm			48VDC PWM Dimmable (48DM)	Emergency Kit (☆1)
		5000K (50C)	410lm	440lm				

* With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: GRETTO TR7-30C-90-46-FX-00-10

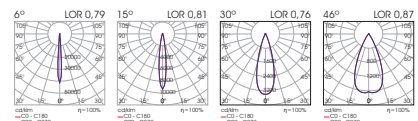
ACR.053 Honeycomb (as extra)

ACR.050 Softening lens (as extra)

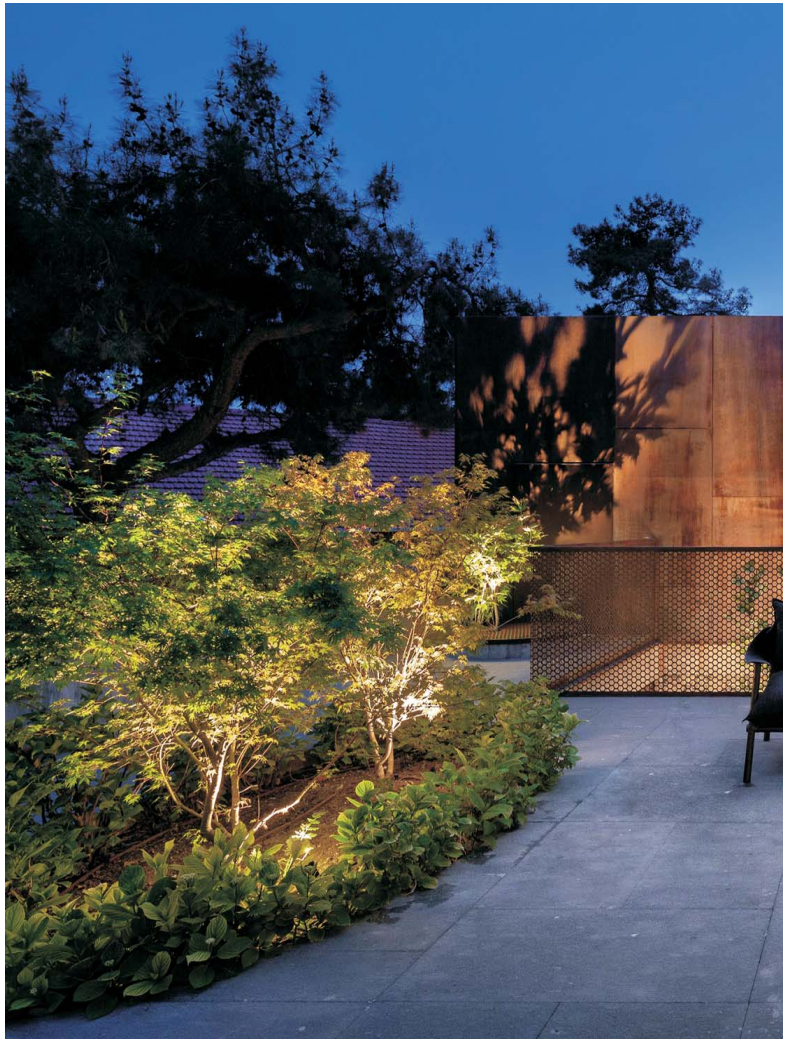
ACR.051 Line spread lens (as extra)

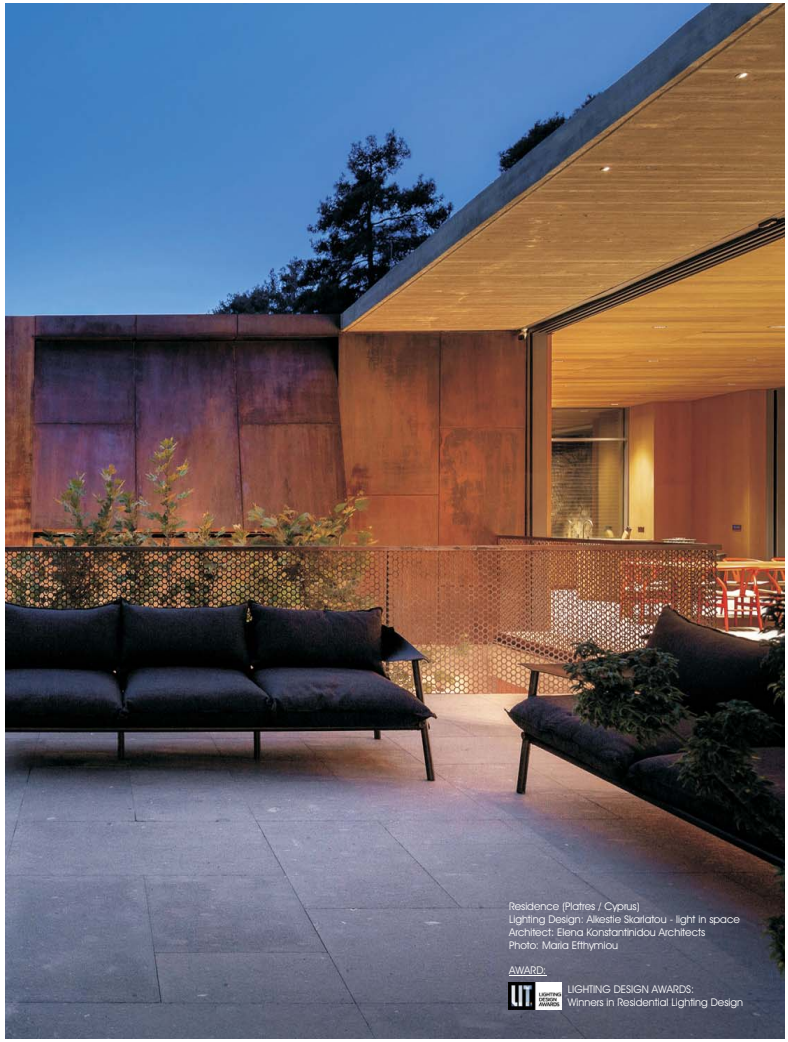
ACR.055 Trimless Box Aluminium

ACR.080 Trimless Box Stainless Steel 316



ELECTRON





Residence (Platres / Cyprus)
Lighting Design: Alkestis Skarlatou - light in space
Architect: Elena Konstantinidou Architects
Photo: Maria Efthymiou

AWARD:

LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design

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GRETTO WASH

Exterior Inground, Surface, Wall, Bollard

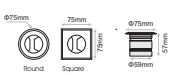
- Gretto Wash is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic: luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Static load resistance: 2000 kgs
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

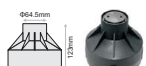
CREE LEDs | IP67

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Shape	Type	Dimming Option*	Extras
			80 *(80)*	90 *(90)*					
GRETTO WASH *(GRETTO W)*	**4.1W** *(4)*	2700K *(27C)*	*440lm*	*355lm*	Assymetric *(AS)* 27°x42°	Round *(RD)*	Fixed *(FX)*	Without Driver *(00)*	No Extras *(0)*
		3000K *(30C)*	*440lm*	*380lm*		Square *(SQ)*		230VAC Non Dimmable *(230ND)*	Emergency Kit *(1)*
		4000K *(40C)*	*475lm*	*410lm*				24V/48DC Non Dimmable *(2448ND)*	
		5000K *(50C)*	*410lm*	*440lm*				24VDC PWM Dimmable *(24DM)*	
								48VDC PWM Dimmable *(48DM)*	

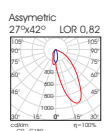
* With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: *GRETTO W4-30C-90-AS-RD-FX-00-0*





ACR.049
Recessed Box



ELECTRON

Exterior Inground, Surface, Wall, Bollard

GRETTO TR WASH

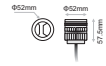
- Gretto Wash is an outdoor luminaire available in trimless round version.
- Body material: aluminium
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (Assymetric 27°x42°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

CREE LEDs | IP67

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Dimming Option*	Extras
			80 *(80)*	90 *(90)*				
GRETTO Trimless WASH *(GRETTO TR W)*	**4.1W** *(4)*	2700K *(27C)*	*440lm*	*355lm*	Assymetric *(AS)* 27°x42°	Fixed *(FX)*	Without Driver *(00)*	No Extras *(0)*
		3000K *(30C)*	*440lm*	*380lm*			24VDC PWM Dimmable *(24DM)*	Emergency Kit *(1)*
		4000K *(40C)*	*475lm*	*410lm*			48VDC PWM Dimmable *(48DM)*	
		5000K *(50C)*	*410lm*	*440lm*				

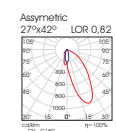
* With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: *GRETTO TR W4-30C-90-AS-RD-FX-00-0*



ACR.055
Trimless Box Aluminium

ACR.080
Trimless Box Stainless Steel 316



GRETTO DF
(Diffused)

Exterior Inground, Surface, Wall, Bollard

- Gretto Diffused is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic: luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Static load resistance: 2000 kgs
- Ingress Protection: IP67
- IK Rate: IK07

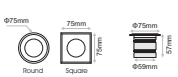
LIGHTSOURCE BY bridgelux.

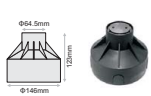
IP67

Model	LED Power	CCT	CRI80 LED Source	Beam Angle	Shape	Type	Dimming Option*	Extras
			80 *(80)*					
GRETTO Diffused *(GRETTO DF)*	**2.1W** *(2)*	2700K *(278)* 3000K *(308)* 4000K *(408)*	*261lm* *271lm* *286lm*	Diffused *(DF)*	Round *(RD)* Square *(SQ)*	Fixed *(FX)*	Without Driver *(00)* 230VAC Non Dimmable *(230ND)* 24V/48DC Non Dimmable *(2448ND)* 24VDC PWM Dimmable *(24DM)* 48VDC PWM Dimmable *(48DM)*	No Extras *(0)* Emergency Kit *(1)*

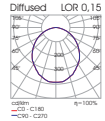
* With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: GRETTO DF2-30B-80-DF-SQ-FX-00-0





ACR.049
Recessed Box



ELECTRON

Exterior Inground, Surface, Wall, Bollard

GRETTO TR DF
(Trimless Diffused)

- Gretto Diffused is an outdoor luminaire available in trimless round version.
- Body material: aluminium
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<19 (Diffused)
- Ingress Protection: IP67
- IK Rate: IK07

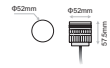
LIGHTSOURCE BY bridgelux.

IP67

Model	LED Power	CCT	CRI80 LED Source	Beam Angle	Type	Dimming Option*	Extras
			80 *(80)*				
GRETTO Trimless Diffused *(GRETTO TR DF)*	**2.1W** *(2)*	2700K *(278)* 3000K *(308)* 4000K *(408)*	*261lm* *271lm* *286lm*	Diffused *(DF)*	Fixed *(FX)*	Without Driver *(00)* 24VDC PWM Dimmable *(24DM)* 48VDC PWM Dimmable *(48DM)*	No Extras *(0)* Emergency Kit *(1)*

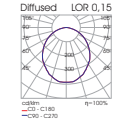
* With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: GRETTO TR DF2-30B-80-DF-FX-00-0



ACR.055
Trimless Box Aluminium

ACR.080
Trimless Box Stainless Steel 316



ELECTRON

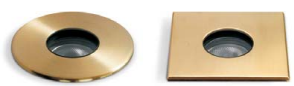
OSCAR

Exterior Inground, Surface, Wall, Bollard

- Oscar is and outdoor family of inground luminaires available in either round or square version.
- Available in two sizes Φ55 and Φ25mm.
- It has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: H05RN-F 2x0.75mm L= 30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 >50.000h

OSCAR



OSCAR MINI

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OSCAR

CREE LEDs IP67

Model	Type	CCT	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Colour	Dimming Option*
OSCAR 2.5W *(OSCAR 3)*	Round (RD)	2700K (27)	275lm	245lm	17° (17)	Stainless Steel (SS)	24VDC PWM Dimmable (24)
	Square (SQ)	3000K (30)	295lm	260lm	35° (35)	Brass (BR)	
		4000K (40)	315lm	280lm	60° (60)		
		5000K (50)	330lm	295lm			

*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: *OSCAR 3-RD-30-80-35-SS-24*

OSCAR MINI

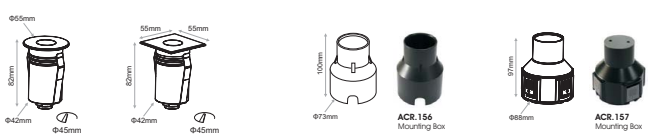
CREE LEDs IP67

Model	Type	CCT	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Colour	Dimming Option*
OSCAR MINI 1W *(OSCAR MINI 1)*	Round (RD)	2700K (27)	120lm	105lm	17° (17)	Stainless Steel (SS)	24VDC PWM Dimmable (24)
	Square (SQ)	3000K (30)	125lm	110lm	25° (25)	Brass (BR)	
		4000K (40)	135lm	120lm	35° (35)		
		5000K (50)	140lm	125lm			

*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: *OSCAR MINI 1-RD-30-80-35-SS-24*

OSCAR



OSCAR MINI

OSCAR D

Exterior Inground, Surface, Wall, Bollard

- Oscar D round inground luminaire is ideal for a soft floor wash in pathways.
- Available in two sizes Φ55 and Φ25mm.
- It has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: H05RN-F 2x0.75mm L= 30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 >50.000h

OSCAR D

OSCAR MINI D

OSCAR D

CREE LEDs IP67

Model	Type	CCT	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Colour	Dimming Option*
OSCAR D 2.5W *(OSCAR D3)*	Round (RD)	2700K (27)	275lm	245lm	20° (20)	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	295lm	260lm	35° (35)	Brass (BR)	
		4000K (40)	315lm	280lm	60° (50)		
		5000K (50)	330lm	295lm			

*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: *OSCAR D3-RD-30-80-35-SS-24*

OSCAR MINI D

CREE LEDs IP67

Model	Type	CCT	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Colour	Dimming Option*
OSCAR MINI D 1W *(OSCAR MINI D1)*	Round (RD)	2700K (27)	120lm	105lm	17° (17)	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	125lm	110lm	25° (25)	Brass (BR)	
		4000K (40)	135lm	120lm	35° (35)		
		5000K (50)	140lm	125lm			

*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: *OSCAR MINI D1-RD-30-80-35-SS-24*

OSCAR D

ACR.156
Mounting Box

ACR.157
Mounting Box

OSCAR MINI D

ACR.158
Mounting Box

OSCAR W

Exterior Inground, Surface, Wall, Bollard

- Oscar W round inground luminaires offer four different ways of emitted light.
- Available in two sizes Φ55 and Φ25mm.
- Oscar W has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: H05RN-F 2x0.75mm L=30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 >50.000h

OSCAR W

OSCAR MINI W

OSCAR W

CREE LEDs

IP67

Model	Type	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Colour	Dimming Option*
OSCAR 1WAY 2.5W *(OSCAR 1W3)*	Round (RD)	2700K (27)	275lm	245lm	Stainless Steel (SS)	24VDC PWM Dimmable (24)
OSCAR 2WAY 2.5W *(OSCAR 2W3)*		3000K (30)	295lm	260lm	Brass (BR)	
OSCAR 3WAY 2.5W *(OSCAR 3W3)*		4000K (40)	315lm	280lm		
OSCAR 4WAY 2.5W *(OSCAR 4W3)*		5000K (50)	330lm	295lm		

*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: OSCAR 3W3-RD-30-80-SS-24

OSCAR MINI W

CREE LEDs

IP67

Model	Type	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Colour	Dimming Option*
OSCAR MINI 1WAY 1W *(OSCAR MINI 1WAY 1)*	Round (RD)	2700K (27)	120lm	105lm	Stainless Steel (SS)	24VDC PWM Dimmable (24)
OSCAR MINI 2WAY 1W *(OSCAR MINI 2WAY 1)*		3000K (30)	125lm	110lm	Brass (BR)	
OSCAR MINI 3WAY 1W *(OSCAR MINI 3WAY 1)*		4000K (40)	135lm	120lm		
OSCAR MINI 4WAY 1W *(OSCAR MINI 4WAY 1)*		5000K (50)	140lm	125lm		

*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: OSCAR MINI 3W1-RD-30-80-SS-24

Brass Stainless Steel

OSCAR W

ACR.156
Mounting Box

ACR.157
Mounting Box

OSCAR MINI W

ACR.158
Mounting Box

DAVIDA

Exterior Inground, Surface, Wall, Bollard

- Davida round inground luminaires offer an interesting decorative patten.
- Available in two sizes Φ55 and Φ25mm.
- Davida has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: H05RN-F 2x0.75mm L= 30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 >50.000h

DAVIDA

DAVIDA MINI

DAVIDA

CREE LEDs — IP67

Model	Type	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Colour	Dimming Option*
DAVIDA 2.5W (DAVIDA3)	Round (RD)	2700K (27)	275lm	245lm	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	295lm	260lm	Brass (BR)	
		4000K (40)	315lm	280lm		
		5000K (50)	330lm	295lm		

*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: *DAVIDA3-RD-30-80-SS-24*

DAVIDA MINI

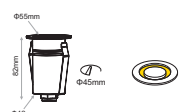
CREE LEDs — IP67

Model	Type	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Colour	Dimming Option*
DAVIDA MINI 1W (DAVIDA MINI1)	Round (RD)	2700K (27)	120lm	105lm	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	125lm	110lm	Brass (BR)	
		4000K (40)	135lm	120lm		
		5000K (50)	140lm	125lm		

*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: *DAVIDA MINI1-RD-30-80-BR-24*

DAVIDA



ACR.156
Mounting Box

ACR.157
Mounting Box

DAVIDA MINI

ACR.158
Mounting Box

OSCAR V

Exterior Inground, Surface, Wall, Bollard

- Oscar V is a modern elegant round inground luminaire available in 3 types in regard to the light emittance.
- Available in a size of: Φ55mm.
- Oscar V has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: H05RN-F 2x0.75mm L=30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 >50.000h

CREE LEDs

IP67

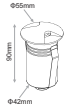
Model	Type	CCT	CRI80, CRI90 LED Source		Colour	Dimming Option*
			80 (80)	90 (90)		
OSCAR V 2.5W *(OSCAR V3)*	Round (RD)	2700K (27)	275lm	245lm	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	295lm	260lm	Brass (BR)	
OSCAR V DOUBLE 2.5W *(OSCAR VD3)*		4000K (40)	315lm	280lm		
		5000K (50)	330lm	295lm		
OSCAR V NARROW 2.5W *(OSCAR VN3)*						

*Maximum parallel connection up to 15pcs per PWM dimmer.

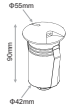
Ordering Code Example: *OSCAR VN3-RD-30-80-35-SS-24*

OSCAR V

OSCAR V DOUBLE



OSCAR V NARROW



ACR.156
Mounting Box

ACR.157
Mounting Box

ELECTRON

Exterior Inground, Surface, Wall, Bollard

BETTINA

BETTINA Series is an inground luminaire available with one, two or four openings.

- Housing: aluminum
- Front cover: Stainless steel 316
- Mounting box: plastic frame casing.
- Power cable: H05RN-F 2x0.75mm² L=1.5m
- Ingress Protection: IP67
- Maximum load 2000kgs

CREE LEDs

IP67

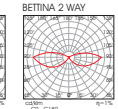
Model*	CCT**	CRI80 LED Source	CRI70 LED Source	Type	Voltage	Accessories
		80 (80)	70 (70)			**COVER**
BETTINA 1 WAY 3W *(BETTINA 1)*	3000K (30C)	57lm	-	Fixed (FX)	12VDC (12)	Standard (0)
BETTINA 2 WAY 3W *(BETTINA 2)*	4000K (40C)	62lm	-			(XX)
BETTINA 4 WAY 3W *(BETTINA 4)*	5700K (57C)	-	70lm			**EXTRAS** No Extras (X0)

*Available in 3-ways open upon request
**Other colours available upon request.

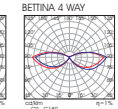
Ordering Code Example: *BETTINA 2-30C-80-FX-12-00*

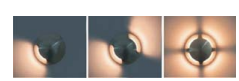
BETTINA 1 WAY

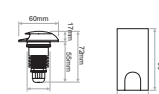
BETTINA 2 WAY

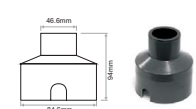


BETTINA 4 WAY









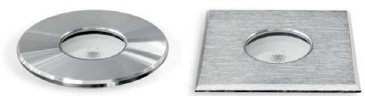
ACC.008
Mounting Box for BETTINA

HYDRA

Exterior Inground, Surface, Wall, Bollard

HYDRA is a small inground luminaire available with honeycomb as extra.

- Inground spot with honeycomb accessory.
- Housing: Die-cast powder coated aluminum.
- Front plate: Stainless steel 316
- Mounting box: plastic frame casing ABS 011.
- Glass: Tempered glass. T=7mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm^2 L=0.5m
- IK Rate: 08
- Ingress Protection: IP67
- PWM Dimmable
- Number of LEDs: 1
- Power Consumption: 2.6Watt
- Maximum load 1700kgs

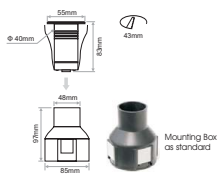


LIGHTSOURCE BY OSRAM

IP67

Model	CCT	Luminaire Lumen	Type	CRI	Beam Angle	Voltage	Accessories
HYDRA ROUND 2.6W *(HYDRA RD3)*	2700K *(27O)*	*115lm*	Fixed *(FX)*	80 *(80)*	9° *(09)*	24VDC PWM Dimmable *(24)*	***COVER***
	3000K *(30O)*	*125lm*			15° *(15)*		Standard *(0/)*
HYDRA SQUARE 2.6W *(HYDRA SQ3)*	4000K *(40O)*	*135lm*			20° *(20)*		Honeycomb *(1/)*
	5600K *(56O)*	*145lm*			30° *(30)*		*(XX)*
					45° *(45)*		***EXTRAS***
					45°X35° *(4535)*		No Extras *(/0)*

Ordering Code Example: *HYDRA RD3-30O-80-30-FX-24-10*



Honeycomb
available as extra

Exterior Inground, Surface, Wall, Bollard

MINIFLO

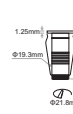
- MINIFLO is a small inground luminaire available round & square.
- Stainless steel face A1S1 316L & pure aluminium body, powder coated painted.
- Inground / ceiling recessed / wall recessed installation.
- Tempered glass.
- Dimmable
- IP67

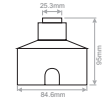
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs

IP67

Code	Model	No.LED	LED Power	Lumen	CCT*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle**	IP Rate	
Miniflo Round												
LGR.092	Miniflo Round	1	1W	110lm	5600K	25x45mm	25mm	500Kg	12VDC	80°	IP67	Dimmable
												*Other colours available upon request. **Available in 45° degrees upon request.
LGR.134	Miniflo Round	1	1W	52lm	2700K	28x44mm	28mm	500Kg	12VDC	35°	IP67	Dimmable
LGR.135	Miniflo Round	1	1W	56lm	3000K	28x44mm	28mm	500Kg	12VDC	35°	IP67	Dimmable
												*Other colours available upon request. **Available in 60° degrees upon request.
Miniflo Square												
LGR.094	Miniflo Square	1	1W	110lm	5600K	25x45mm	25x25mm	500Kg	12VDC	80°	IP67	Dimmable
LGR.095	Miniflo Square	1	1W	83lm	3000K	25x45mm	25x25mm	500Kg	12VDC	80°	IP67	Dimmable
												*Other colours available upon request. **Available in 45° degrees upon request.





ACC.009
Mounting Box for MINIFLO

ZERO

Exterior Inground, Surface, Wall, Bollard

ZERO is a small inground luminaire.

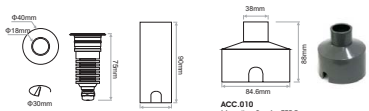
- Housing: aluminum
- Front cover: stainless steel 316
- Glass : Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm^2 L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320kgs

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs IP67

Code	No.LED	Watt	Lumen	Colour Temperature*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle	IP Rate	
LGR.133	1	3W	100lm	2700K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.091	1	3W	110lm	3000K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.090	1	3W	130lm	5600K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable

*Other CCT available upon request.
**Available in 10°, 40° & 60° degrees upon request.



ACC.010
Mounting Box for ZERO

ACC.005
Diffused glass (as extra)

ELECTRON

ZERO-S

Exterior Inground, Surface, Wall, Bollard

ZERO-S is a low depth small inground luminaire.

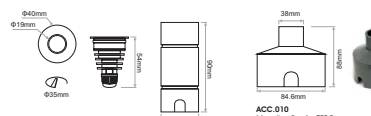
- Housing: aluminum
- Front cover: stainless steel 316
- Glass : Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm^2 L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320kgs

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs IP67

Code	No.LED	Watt	Lumen	Colour Temperature*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle**	IP Rate	
LGR.132	1	3W	110lm	2700K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.089	1	3W	115lm	3000K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.088	1	3W	130lm	5600K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable

*Other CCT available upon request.
**Available in 10°, 40° & 60° degrees upon request.



ACC.010
Mounting Box for ZERO

ACC.004
Diffused glass (as extra)

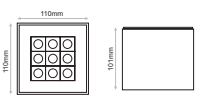
ELECTRON

BOX 24SF

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rate: IK06
- Glare Rating: UGR <12.7 (16°), <12.5 (20°), <10.5 (26°), <20.9 (40°), <23.1 (60°), <15.1 (16°x30°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Weight: 1.5kg

L90/B10 >50.000h



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Exterior Inground, Surface, Wall, Bollard

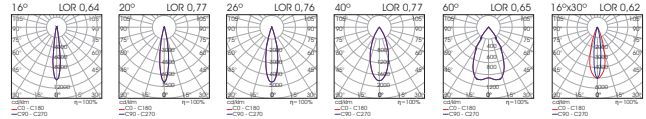
CREE LEDs

IP65

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option
BOX 23.8W Surface *(BOX 24SF)*	2700K *(27C)*	*2457lm*	16° *(VN)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
	3000K *(30C)*	*2628lm*	20° *(NR)*	White *(WH)*	230VAC Phase Cut Dimmable* *(230D)*
	4000K *(40C)*	*2628lm*	26° *(MD)*		48VDC PWM Dimmable *(48D)*
	6500K *(65C)*	*2948lm*	40° *(WD)*		
			60° *(VW)*		
			16°x30° *(AS)*		

* By trailing edge dimmers.

Ordering Code Example: BOX 24SF-30C-NR-BL-230D

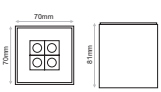


ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rate: IK06
- Glare Rating: UGR <13.4 (12°), <11.6 (17°), <12.2 (25°), <19.3 (35°), <22.7 (60°), <16.3 (16°x30°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Weight: 0,60kg

L90/B10 >50.000h



Exterior Inground, Surface, Wall, Bollard

BOX 9SF

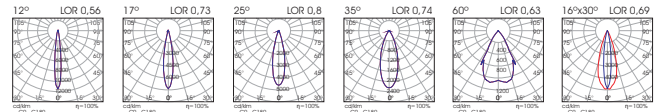
CREE LEDs

IP65

Model	CCT	LED Source	Beam Angle	Colour	Dimming Option
BOX 9.2W Surface *(BOX 9SF)*	2700K *(27C)*	*988lm*	12° *(NN)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
	3000K *(30C)*	*1056lm*	17° *(NR)*	White *(WH)*	230VAC Phase Cut Dimmable* *(230D)*
	4000K *(40C)*	*1056lm*	25° *(MD)*		24VDC PWM Dimmable *(24D)*
	6500K *(65C)*	*1185lm*	35° *(WD)*		48VDC PWM Dimmable *(48D)*
			60° *(VW)*		
			16°x30° *(AS)*		

* By trailing edge dimmers.

Ordering Code Example: BOX 9SF-30C-NR-BL-230D

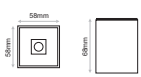


BOX 5SF

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rate: IK06
- Glare Rating: UGR <15.1 (17°), <15.7 (21°), <14 (28°), <23.5 (32°), <25.2 (60°), <20.3 (16°x30°)
- Dimming options: Phase Cut Dimmable, 24VDC or 48VDC PWM Dimmable.
- Weight: 0,37kg

L90/B10 >50.000h



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Exterior Inground, Surface, Wall, Bollard

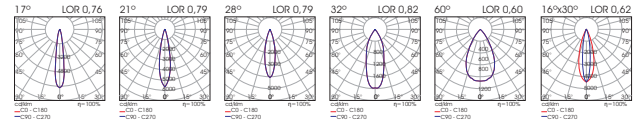
CREE LEDs

IP65

Model	CCT	LED Source	Beam Angle		Colour	Dimming Option
BOX 4.4W Surface *(BOX 5SF)*	2700K *(27C)*	*410lm*	17°	*(NN)*	Black *(BL)*	230VAC Phase Cut Dimmable* *(230D)*
	3000K *(30C)*	*440lm*	21°	*(NR)*	White *(WH)*	24VDC PWM Dimmable *(24D)*
	4000K *(40C)*	*475lm*	28°	*(MD)*		48VDC PWM Dimmable *(48D)*
	6500K *(65C)*	*510lm*	32°	*(WD)*		
			60°	*(VW)*		
			16°x30°	*(AS)*		

* By trailing edge dimmers.

Ordering Code Example: BOX 5SF-30C-WD-WH-230D



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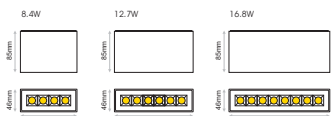
LINIBOX C

- Linibox C is an outdoor luminaire suitable for surface installation.
- It is available in 3 different dimensions.
- Power supply cable required: 3x0,75mm^2 with maximum external diameter 7mm.
- It is available in black or white colour as standard but RAL colours are also available upon request.
- Dimming options for 8.4W & 12.7W: Without Driver, Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
  Dimming options for 16.8W: Without Driver, Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Ingress Protection: IP65
- Glare Rating: UGR <13.7 (17°), <13.1 (21°), <12.5 (25°), <20.6 (35°), <23.6 (62°), <15.7 (16°x30°)

L90/B10 >50.000h



Black

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ELECTRON

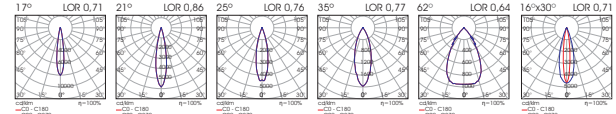
CREE LEDs

IP65

Model	LED Power	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle		Colour		Dimming Option	
LINIBOX C *(LINIBOX C)*	8.4W (08)	2700K (27C)	1050lm	860lm	Fixed (FX)	17°	(VN)	Black	(BL)	Without Driver	(00)
		3000K (30C)	1120lm	980lm		21°	(NR)	White	(WH)	230VAC Non-Dimmable	(230ND)
		4000K (40C)	1180lm	1060lm		25°	(MD)			230VAC Phase Cut Dimmable*	(230D)
		5000K (50C)	1300lm	1125lm		35°	(WD)			24VDC PWM Dimmable	(24D)
						62°	(VW)			48VDC PWM Dimmable	(48D)
						16°x30°	(AS)				
	12.7W (13)	2700K (27C)	1590lm	1290lm							
		3000K (30C)	1680lm	1470lm							
		4000K (40C)	1770lm	1590lm							
		5000K (50C)	1950lm	1690lm							
	16.8W (17)	2700K (27C)	2120lm	1720lm						Without Driver	(00)
		3000K (30C)	2240lm	1960lm						230VAC Non-Dimmable	(230ND)
		4000K (40C)	2360lm	2120lm						230VAC Phase Cut Dimmable*	(230D)
		5000K (50C)	2600lm	2250lm						48VDC PWM Dimmable	(48D)

* By trailing edge dimmers.

Ordering Code Example: LINIBOX C-17-40C-80-FX-MD-WH-ND



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DORIS C13

Exterior Inground, Surface, Wall, Bollard

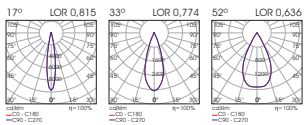
- DORIS C13 is an outdoor surface luminaire available in black or white colour.
- Housing material: Aluminium
- UGR<10 @ 17°, 33° & UGR<15 @ 52°
- L90/B10 >50000h
- IK Rate: IK08
- Ingress Protection: IP65

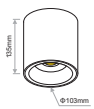
CREE LEDs

IP65

Model	CCT	CRI80, CRI90 LED Source CRI80	CRI90	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
DORIS 13W Ceiling *(DORIS C13)*	2700K *(27C)*	*1490lm*	*1290lm*	Fixed *(FX)*	80 *(80)*	17° *(17)*	Black *(BL)*	Non Dimmable *(ND)*	Standard *(00)*
	3000K *(30C)*	*1590lm*	*1380lm*		90 *(90)*	33° *(33)*	White *(WH)*	DALI *(DL)*	Honeycomb *(01)*
	4000K *(40C)*	*1710lm*	*1490lm*			52° *(52)*		Phase Cut *(PC)*	
	5700K *(57C)*	*1710lm*	–						

Ordering Code Example: *DORIS C13-40C-FX-80-17-BL-ND-00*





With Honeycomb

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ELECTRON

Exterior Inground, Surface, Wall, Bollard

ADORNO SF IP44 Retrofit

- Adorno series surface luminaire with GU10 lampholder, max 7.5W (lamp not included).
- Housing Material: Powder coated Aluminium.
- Minimal aesthetic for contemporary architectural design.
- Ingress Protection: IP44

Not included

IP44

Model	Colour	Type	Lamp Holder
ADORNO SF IP44 Retrofit *(ADORNO SF44R)*	White *(WH)*	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*
	Black *(BL)*		

Ordering Code Example: *ADORNO SF44R-WH-FX-G1*

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ROLL

Exterior Inground, Surface, Wall, Bollard

- ROLL outdoor luminaire suitable for surface installation.
- It has minimal aesthetic with no visible screws.
- It is available in black or white colour as standard but RAL colours are also available upon request.
- Marine treatment is also available upon request ensuring higher resistance to weather, UV, water and mould growth.
- Body material: aluminium.
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- UGR<19 (6°, 15°, 30°, 46°)
- Power supply cable required: 3x0,75mm² with maximum external diameter 7mm.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP65

CREE LEDs | IP65

Model	LED Power	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Shape	Type	Colour*	Dimming Option	Accessories
ROLL (RCLL)	6.5W (07)	2700K (27C)	713lm	570lm	15° (15)	Round (RD)	Fixed (FX)	Black (BL)	Without Driver (00)	COVER
		3000K (30C)	713lm	615lm	30° (30)				230V Phase Cut (PC)	Standard (01)
		4000K (40C)	765lm	660lm	46° (45)			White (WH)	230V Non Dimmable (230ND)	Honeycomb (14)
		5000K (50C)	765lm	713lm					24VDC PWM Dimmable (24DM)	Softening lens (24)
		6500K (65C)	765lm	-					48VDC PWM Dimmable (48DM)	Line spread lens (34)
	4.1W (04)	2700K (27C)	440lm	355lm	6° (06)				Without Driver (00)	EXTRAS
		3000K (30C)	440lm	380lm					230V Non Dimmable (230ND)	No Extras (00)
		4000K (40C)	475lm	410lm					24VDC PWM Dimmable (24DM)	
		5000K (50C)	410lm	440lm					48VDC PWM Dimmable (48DM)	

(XX)

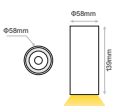
* Available in RAL colours upon request.

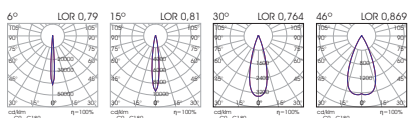
Ordering Code Example: ROLL 07-30C-90-46-RD-FX-BL-230ND-10

ACR.053
Honeycomb
(as extra)

ACR.050
Softening lens
(as extra)

ACR.051
Line spread lens
(as extra)





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ELECTRON

Exterior Inground, Surface, Wall, Bollard

ROLL WASH

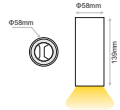
- ROLL Wash outdoor luminaire suitable for surface installation.
- It has minimal aesthetic with no visible screws.
- It is available in black or white colour as standard but RAL colours are also available upon request.
- Marine treatment is also available upon request ensuring higher resistance to weather, UV, water and mould growth.
- Body material: aluminium.
- Power supply cable required: 3x0,75mm² with maximum external diameter 7mm.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP65

CREE LEDs | IP65

Model	LED Power	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Shape	Type	Colour*	Dimming Option
ROLL WASH (RCLL W)	4.1W (04)	2700K (27C)	440lm	355lm	Assymetric (AS) 27°x42°	Round (RD)	Fixed (FX)	Black (BL)	Without Driver (00)
		3000K (30C)	440lm	380lm				White (WH)	230V Non Dimmable (230ND)
		4000K (40C)	475lm	410lm					24VDC PWM Dimmable (24DM)
		5000K (50C)	410lm	440lm					48VDC PWM Dimmable (48DM)

* Available in RAL colours upon request.

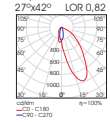
Ordering Code Example: ROLL W 04-30C-80-AS-RD-FX-BL-230ND-0



ACR.053
Honeycomb
(as extra)

ACR.050
Softening lens
(as extra)

ACR.051
Line spread lens
(as extra)



POROS

Exterior Inground, Surface, Wall, Bollard

- Poros recessed wall luminaire available in round and square.
- Housing material: Stainless steel 316
- Power cable : H05RN-F 2x0.75mm^2=0.3m
- Outdoor installation: IP65
- Mounting Box material: PVC
- L70/B10 40.000h
- IK Rate: 10
- Non Dimmable

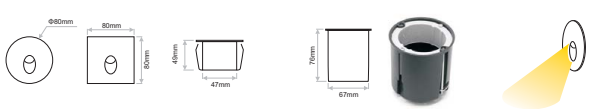
IP65

Code	Type	Watt	CCT*	CRI	Lumen	Beam Angle	Voltage	IP Rate	IK Rate
ROUND MONOCHROMATIC									
ALW.030	Round	1.7W	5600K	80	34lm	80°	24VDC	IP65	IK10
ALW.031	Round	1.7W	3000K	80	31lm	80°	24VDC	IP65	IK10

*Available in 2700K upon request.

SQUARE MONOCHROMATIC									
ALW.032	Square	1.7W	5600K	80	34lm	80°	24VDC	IP65	IK10
ALW.033	Square	1.7W	3000K	80	31lm	80°	24VDC	IP65	IK10

*Available in 2700K upon request.



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ELECTRON

Exterior Inground, Surface, Wall, Bollard

POROS MINI ST

- Poros Mini recessed wall luminaire available in round and square.
- Housing material: Stainless Steel 316
- Power cable : H05RN-F 2x1.0mm^2 L=0.3m
- Outdoor installation: IP65
- Mounting Box material: PVC
- IK Rate: 10

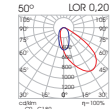
L90/B10 >50.000h

CREE LEDs

IP65

Model	Shape	CCT	LED Source	Type	Beam Angle	Colour	Voltage
POROS MINI ST 2.4W *(POROS MINI ST2)*	Round *(RD)* Square *(SQ)*	2700K *(27)* 3000K *(30)* 4000K *(40)*	252lm 265lm 279lm	Fixed *(FX)*	50° *(50)*	Stainless Steel 316 *(SS)*	24VDC PWM Dimmable *(24)*

Ordering Code Example: *POROS MINI ST2-RD-30-FX-50-SS-24*



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POROS MINI

Exterior Inground, Surface, Wall, Bollard

- Poros Mini is also available in round and square in aluminium.
- Housing: Die-casting aluminium
- Available in black or white colour.
- Power cable : H05RN-F 2x1.0mm^2 L=0.3m
- Outdoor installation: IP65
- Mounting Box material: PVC
- IK Rate: 10

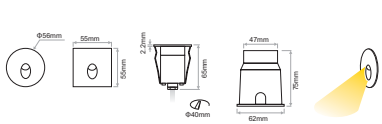
L90/B10 >50.000h

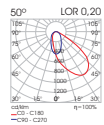
CREE LEDs

IP65

Model	Shape	CCT	LED Source	Type	Beam Angle	Colour	Voltage
POROS MINI2.4W *(POROS MINI 2)*	Round *(RD)* Square *(SQ)*	2700K *(27)* 3000K *(30)* 4000K *(40)*	252lm 265lm 279lm	Fixed *(FX)*	50° *(50)*	White *(WH)* Black *(BL)*	24VDC PWM Dimmable *(24)*

Ordering Code Example: *POROS MINI 2-RD-30-FX-50-WH-24*





ELECTRON

Exterior Inground, Surface, Wall, Bollard

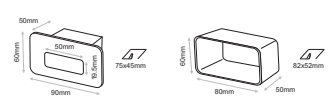
CANOVA

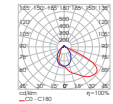
- CANOVA recessed luminaire is available in white, black or brown colour.
- Housing material: Power coated aluminium.
- Mounting box material: Plastic
- Ingress Protection: IP65

IP65

Model	Colour Temperature*	Watt	Luminaire LED Lumen	Luminaire Colour**	Voltage	Dimensions	IP Rate
CANOVA	3000K	3W	170lm	White	230VAC	90x60mm	IP65

* Available in COOL WHITE upon request
** Housing also available in Black or Brown colour upon request





- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- Mounting box: stainless steel (3W), aluminium (4W,13W)
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06

ORIGIN RC SQ 03

ORIGIN RC SQ 04

ORIGIN RC RT 13

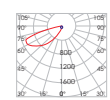
CREE LEDs (2.9W)

LIGHTSOURCE BY bridgelux. (4W & 13W)

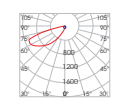
IP65

Model	Type	Watt	CCT*	CRI80 LED Source	Colour	Dimming Option
				80 (80)		
ORIGIN RC (ORIGIN RC)	Square (SQ)	**2.9W** (03)	2700K (27C)	160lm	Black (BL) White (WH)	230VAC Non-Dimmable (230ND)
			3000K (30C)	200lm		24VDC PWM Dimmable (24D)
			4000K (40C)	200lm		
		4W (04)	2700K (27B)	360lm		230VAC Non-Dimmable (230ND)
			3000K (30B)	390lm		24VDC PWM Dimmable (24D)
			4000K (40B)	420lm		48VDC PWM Dimmable (48D)
	Rectangular (RT)	**13W** (13)	2700K (27B)	1220lm		230VAC Non-Dimmable (230ND)
			3000K (30B)	1300lm		48VDC PWM Dimmable (48D)
			4000K (40B)	1400lm		

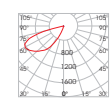
Ordering Code Example: ORIGIN RC-SQ-03-30B-80-BL-230ND



ORIGIN RC SQ 03

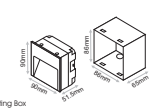


ORIGIN RC SQ 04



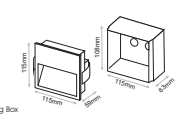
ORIGIN RC RT 13

ORIGIN RC SQ 03



ACR.085
Stainless Steel Mounting Box

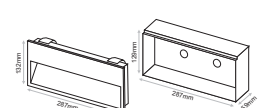
ORIGIN RC SQ 04



ACR.086
Aluminium Mounting Box

ORIGIN RC RT 13

ACR.087
Aluminium Mounting Box



ORIGIN RC RT

Exterior Inground, Surface, Wall, Bollard

- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- Mounting box: stainless steel
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06

LIGHTSOURCE BY bridgelux.

IP65

Model	Type	Watt	CCT*	CRI80 LED Source	Colour	Dimming Option
				80 *(80)*		
ORIGIN RC *(ORIGIN RC)*	Rectangular *(RT)*	**2.7W** *(03)*	2700K *(27B)*	250lm	Black *(BL)* White *(WH)*	230VAC Non-Dimmable *(230ND)* 24VDC PWM Dimmable *(24D)* 48VDC PWM Dimmable *(48D)*
			3000K *(30B)*	270lm		
			4000K *(40B)*	290lm		
		7.2W *(07)*	2700K *(27B)*	600lm		
			3000K *(30B)*	640lm		
			4000K *(40B)*	690lm		

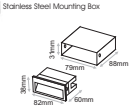
Ordering Code Example: *ORIGIN RC-RT-07-30B-80-BL-230ND*

ORIGIN RC RT 03

ORIGIN RC RT 07

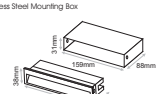
ORIGIN RC RT 03

ACR.088
Stainless Steel Mounting Box



ORIGIN RC RT 07

ACR.089
Stainless Steel Mounting Box



ELECTRON

Exterior Inground, Surface, Wall, Bollard

ORIGIN SF RD

- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06

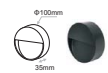
LIGHTSOURCE BY bridgelux.

IP65

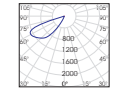
Model	Type	Watt	CCT*	CRI80 LED Source	Colour	Dimming Option
				80 *(80)*		
ORIGIN SF *(ORIGIN SF)*	Round *(RD)*	**3.2W** *(03)*	2700K *(27B)*	360lm	Black *(BL)* White *(WH)*	230VAC Non-Dimmable *(230ND)* 24VDC PWM Dimmable *(24D)* 48VDC PWM Dimmable *(48D)*
			3000K *(30B)*	390lm		
			4000K *(40B)*	420lm		
		10W *(10)*	2700K *(27B)*	970lm		230VAC Non-Dimmable *(230ND)* 48VDC PWM Dimmable *(48D)*
			3000K *(30B)*	1040lm		
			4000K *(40B)*	1110lm		

Ordering Code Example: *ORIGIN SF-RD-03-30B-80-BL-230ND*

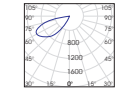
ORIGIN SF RD 03



ORIGIN SF RD 10



ORIGIN SF RD 03



ORIGIN SF RD 10

- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06

ORIGIN SF SQ 04

ORIGIN SF SQ 14

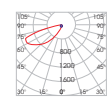
ORIGIN SF RT 13

LIGHTSOURCE BY bridgelux

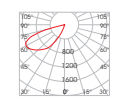
IP65

Model	Type	Watt	CCT*	CRI80 LED Source	Colour	Dimming Option
				80 (80)		
ORIGIN SF (ORIGIN SF)	Square (SQ)	**3.9W** (04)	2700K (27B) 3000K (30B) 4000K (40B)	370lm 390lm 420lm	Black (BL) White (WH)	230VAC Non-Dimmable (230ND) 24VDC PWM Dimmable (24D) 48VDC PWM Dimmable (48D)
		13.9W (14)	2700K (27B) 3000K (30B) 4000K (40B)	1370lm 1470lm 1570lm		230VAC Non-Dimmable (230ND) 48VDC PWM Dimmable (48D)
	Rectangular (RT)	**13W** (13)	2700K (27B) 3000K (30B) 4000K (40B)	1210lm 1300lm 1400lm		

Ordering Code Example: ORIGIN SF-SQ-14-30B-80-BL-230ND

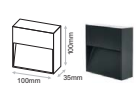


ORIGIN SF SQ 04

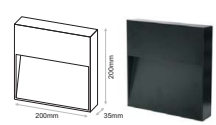


ORIGIN SF RT 13

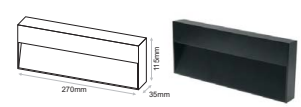
ORIGIN SF SQ 04



ORIGIN SF SQ 14



ORIGIN SF RT 13



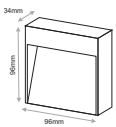
CANOVA 4 SF

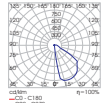
Exterior Inground, Surface, Wall, Bollard

- Canova 4 SF is an outdoor surface led wall luminaire.
- Body material: die-cast aluminium with silicon rubber gasket
- Powder coated
- Available in black, white or dark grey colour. RAL colours also available upon request.
- Ingress Protection: IP65
- IK Rate: IK05

IP65

Code	Model	Colour Temperature	Watt	Luminaire Colour	Voltage	Dimensions	IP Rate
ALW.057	**CANOVA 4 SF**	3000K	3.6W	Dark Grey	230VAC	96x96x34mm	IP65
ALW.061	**CANOVA 4 SF**	3000K	3.6W	White	230VAC	96x96x34mm	IP65





ELECTRON

Exterior Inground, Surface, Wall, Bollard

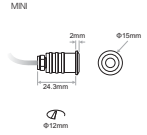
MINI-MIDI

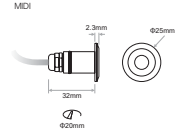
MINI & MIDI are small recessed luminaires suitable for decorative lighting.

- Ingress Protection: IP68

IP68

Code	Model	No.LED	Watt	CCT	Lumen	Beam Angle	Dimensions	Voltage	IP Rate	
MLD.001	MINI	1	0.3W	3000K	24lm	120°	Φ15x26.3mm	12VDC	IP68	PWM Dimmable
MLD.002	MINI	1	0.3W	6000K	30lm	120°	Φ15x26.3mm	12VDC	IP68	PWM Dimmable
MLD.010	MIDI	1	0.3W	3000K	24lm	120°	Φ25x34.3mm	12VDC	IP68	PWM Dimmable
MLD.011	MIDI	1	0.3W	6000K	30lm	120°	Φ25x34.3mm	12VDC	IP68	PWM Dimmable



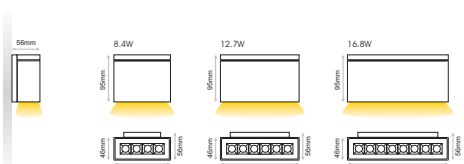


LINIBOX W

- Linibox W is a outdoor luminaire suitable for wall fixed installation.
- It is available in 3 different dimensions.
- Power supply cable required: 3x0,75mm^2 with maximum external diameter 7mm.
- It is available in black or white colour as standard but RAL colours are also available upon request.
- Dimming options for 8.4W & 12.7W: Without Driver, Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
  Dimming options for 16.8W: Without Driver, Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Ingress Protection: IP65
- Glare Rating: UGR <13.7 (17°), <13.1 (21°), <12.5 (25°), <20.6 (35°), <23.6 (62°), <15.7 (16°x30°)

L90/B10 >50.000h

Fixed



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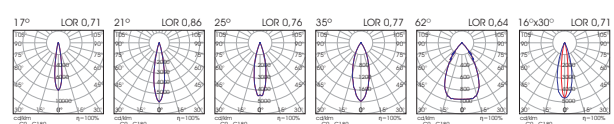
CREE LEDs

IP65

Model	LED Power	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Colour	Dimming Option
LINIBOX W *(LINIBOX W)*	8.4W (08)	2700K (27C)	1060lm	860lm	Fixed (FX)	17° (VN)	Black (BL)	Without Driver (00)
		3000K (30C)	1120lm	980lm		21° (NR)	White (WH)	230VAC Non-Dimmable (230ND)
		4000K (40C)	1180lm	1060lm		25° (MD)		230VAC Phase Cut Dimmable* (230D)
		5000K (50C)	1300lm	1125lm		35° (WD)		24VDC PWM Dimmable (24D)
						62° (VW)		48VDC PWM Dimmable (48D)
						16°x30° (AS)		
	12.7W (13)	2700K (27C)	1590lm	1290lm				
		3000K (30C)	1680lm	1470lm				
		4000K (40C)	1770lm	1590lm				
		5000K (50C)	1950lm	1690lm				
	16.8W (17)	2700K (27C)	2120lm	1720lm				Without Driver (00)
		3000K (30C)	2240lm	1960lm				230VAC Non-Dimmable (230ND)
		4000K (40C)	2360lm	2120lm				230VAC Phase Cut Dimmable* (230D)
		5000K (50C)	2600lm	2250lm				48VDC PWM Dimmable (48D)

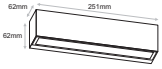
* By trailing edge dimmers.

Ordering Code Example: *LINIBOX W-13-30C-80-FX-MD-WH-ND*



BRICK II

- BRICK II is an elegant wall mounted luminaire, available either with single or double light emission.
- Body material: Aluminium
- It is offered in black and white colour.
- L90/ B10 50000h
- Ingress Protection IP65



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LIGHTSOURCE BY bridgelux.

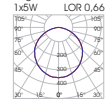
IP65

Model	Type	CCT*	CRI80, CRI90 LED Lumen 80 (80)	CRI80, CRI90 LED Lumen 90 (90)	Beam Angle	Colour	Dimming Option
BRICK II *(BRICK II)*	**5W** Single (1x5W) *(05)*	2700K *(27)*	*495lm*	*420lm*	Diffused *(DF)*	Black *(BL)*	230VAC *(230D)*
		3000K *(30)*	*505lm*	*440lm*		White *(WH)*	Phase Cut Dimmable
	10W Double (2x5W) *(10)*	2700K *(27)*	*990lm*	*840lm*			
		3000K *(30)*	*1010lm*	*880lm*			

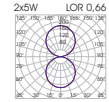
* 4000K also available upon request.

Ordering Code Example: *BRICK II 10-30-80-DF-BL-230D*

Single
1x5W LOR 0,66

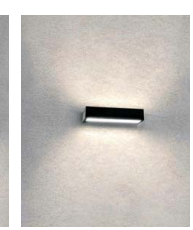


Double
2x5W LOR 0,66



Black

White



EDGE

Exterior Inground, Surface, Wall, Bollard

- EDGE wall mounted luminaire offers easiness and flexibility in lighting due to its special construction.
- Body material: Aluminium
- User can easily select the desired beam angle by adjusting the inner parts of the luminaire.
- Can create asymmetry in each luminaire in terms of up & down light emission.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection IP65

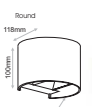
LIGHTSOURCE BY bridgelux.

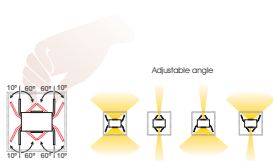
IP65

Model	CCT	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Colour	Dimming Option
				80 *(80)*	90 *(90)*			
EDGE *(EDGE)*	Square *(SQ)* Round *(RD)*	2x3W *(06)*	2700K *(27)* 3000K *(30)* 4000K *(40)*	*2x430lm* *2x460lm* *2x470lm*	*2x355lm* *2x370lm* *2x385lm*	Adjustable *(090)* 0°~90°	Black *(BL)* White *(WH)*	230VAC *(230D)* Phase Cut Dimmable

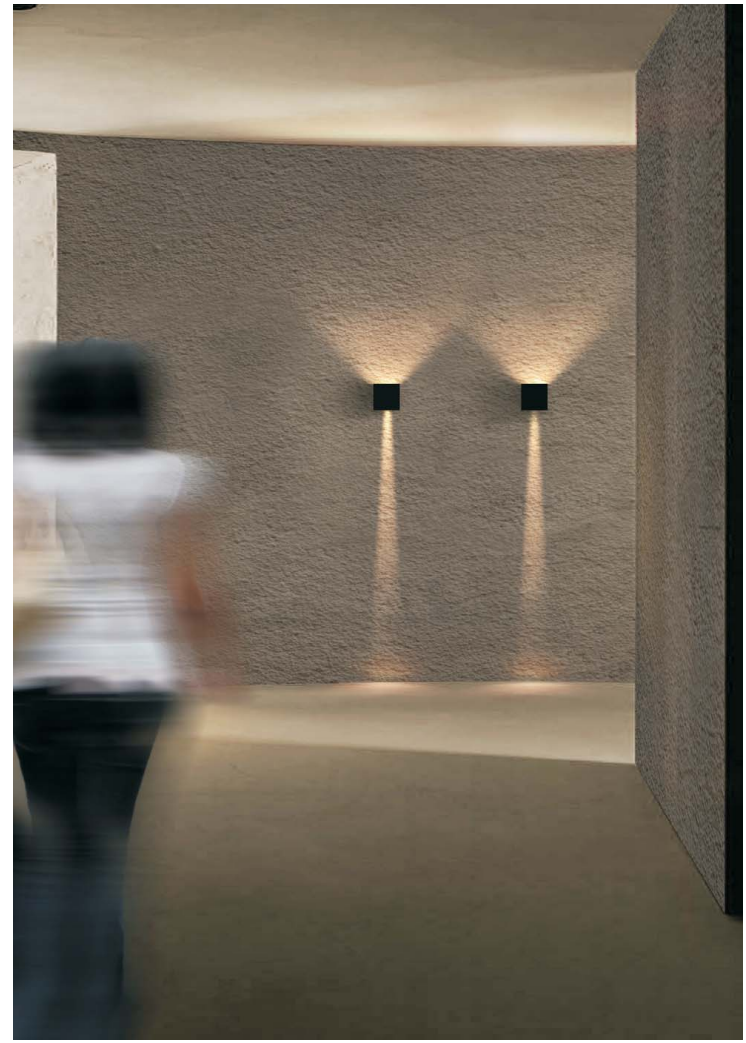
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

Ordering Code Example: *EDGE-SQ-06-30-80-090-BL-230D*





Adjustable angle



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ELECTRON

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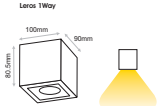
LEROS

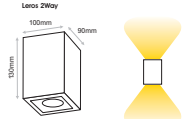
- LEROS wall luminaire available with single or double light emission.
- Housing material: Die-cast powder coated aluminum
- Glass : PC T=6mm
- Power cable : H05RN-F 3x1.0mm^2 L= 0.3m
- IK Rate: 06
- Outdoor installation: IP65
- Luminaire colour: Mat Grey

Monochromatic:
24VDC PWM Dimmable
230VAC Non-Dimmable

Leros 1Way



Leros 2Way



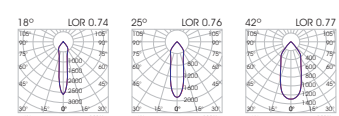
LIGHTSOURCE BY bridgelux.

IP65

Model	Type	CCT	CRI80*, CRI90 LED Source		Voltage	Beam Angle**	Colour
			80 *(80)*	90 *(90)*			
LEROS *(LEROS)*	**6W** Leros 1Way (1x6W) *(06)*	2700K *(27C)*	*810lm*	*670lm*	24VDC PWM Dimmable *(24)*	18° *(18)*	Mat Grey *(MG)*
		3000K *(30C)*	*860lm*	*700lm*		25° *(25)*	
		4000K *(40C)*	*880lm*	*740lm*		42° *(42)*	
		5000K *(50C)*	*900lm*	*770lm*			
		5700K *(57C)*	*860lm*	-			
		6500K *(65C)*	*870lm*	-			
	12W Leros 2Way (2x6W) *(12)*	2700K *(27C)*	*860lm*	*710lm*	230VAC Non-Dimmable *(230ND)*		
		3000K *(30C)*	*910lm*	*740lm*			
		4000K *(40C)*	*940lm*	*780lm*			
		5000K *(50C)*	*950lm*	*820lm*			
		5700K *(57C)*	*910lm*	-			
		6500K *(65C)*	*920lm*	-			

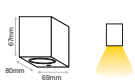
* Nichia LEDs only in 3000K, CRI80 & Non-Dimmable.
** Also available with asymmetric up/down lenses upon request.

Ordering Code Example: *LEROS 06-30C-90-24-42-MG*



PARELO

- PARELO series is ideal to illuminate outdoor wall surfaces.
- GU10 lamp holder with the use of max 5W lamp (lamp not included).
- Available in black or white colour.
- Single or double emission.
- Ingress Protection: IP65



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IP65

Not included

Code	Model	Maximum Consumption	Power Supply	Lamp type	Colour	Dimensions	IP Rate
AWE.005	**PARELO I Black**	5W max	230VAC	GU10	Black	Φ69x80x67mm	IP65
AWE.006	**PARELO I White**	5W max	230VAC	GU10	White	Φ69x80x67mm	IP65

IP65

Not included

Code	Model	Maximum Consumption	Power Supply	Lamp type	Colour	Dimensions	IP Rate
AWE.007	**PARELO II Black**	2x5W max	230VAC	GU10	Black	Φ69x80x165mm	IP65
AWE.008	**PARELO II White**	2x5W max	230VAC	GU10	White	Φ69x80x165mm	IP65

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DORIS W13

Exterior Inground, Surface, Wall, Bollard

DORIS W13 is an outdoor wall surface luminaire available in black or white colour.

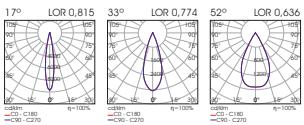
- Housing material: Aluminium
- UGR<10 (17°, 33°) and UGR<15 (52°)
- 3 Step MacAdam
- L90/B10 >50000h
- IK Rate: IK08
- Ingress Protection: IP65

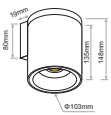
CREE LEDs

IP65

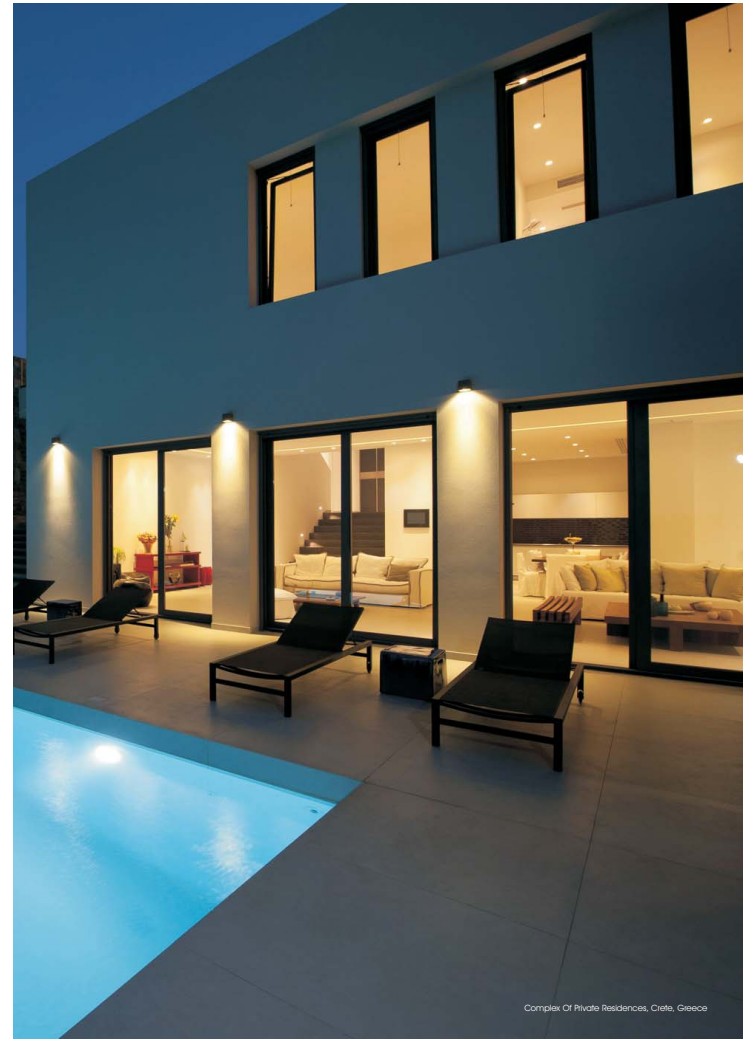
Model	CCT	CRI80, CRI90 LED Source CRI80	CRI90	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
DORIS WALL 13W *(DORIS W13)*	2700K *(27C)*	*1490lm*	*1290lm*	Fixed *(FX)*	80 *(80)*	17° *(17)*	Black *(BL)*	Non Dimmable *(ND)*	Standard *(00)*
	3000K *(30C)*	*1590lm*	*1380lm*		90 *(90)*	33° *(33)*	White *(WH)*	DALI *(DL)*	Honeycomb *(01)*
	4000K *(40C)*	*1710lm*	*1490lm*			52° *(52)*		Phase Cut *(PC)*	
	5700K *(57C)*	*1710lm*	–						

Ordering Code Example: *DORIS W13-30C-FX-80-52-BL-ND-01*





With Honeycomb



Complex Of Private Residences, Crete, Greece

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ARYN

Exterior Inground, Surface, Wall, Bollard

ARYN is a surface outdoor luminaire suitable to highlight architectural elements in facades.

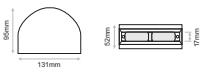
- Power cable: H05RN-F 3x0.75mm^2
- Outer cable diameter: 7mm^2
- Ingress Protection: IP65
- Non-Dimmable
- DALI Dimmable option upon request.

IP65

Model	CCT	Beam Angle	Voltage	Colour*	IP Rate
ARYN 9W *(ARYN 9)*	2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	180º *(180)*	230VAC *(230)*	White *(WH)*	IP65 *(65)*

* Luminaire colour white, but custom RAL colours also available on request.

Ordering Code Example: ARYN 9-30-180-230-WH-65



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ELECTRON

Exterior Inground, Surface, Wall, Bollard

ROLLER

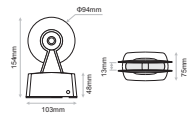
ROLER is a surface outdoor luminaire suitable to highlight architectural elements in facades.

- Power cable: H05RN-F 3x0.75mm^2
- Outer cable diameter: 7mm^2
- Ingress Protection: IP65
- Non-Dimmable
- DALI Dimmable option upon request.

IP65

Model	CCT	Beam Angle	Voltage	IP Rate
ROLLER 9W *(ROLLER 9)*	2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	340º *(340)*	230VAC *(230)*	IP65 *(65)*

Ordering Code Example: ROLLER 9-30-340-230-65



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ORIGIN BD

Exterior Inground, Surface, Wall, Bollard

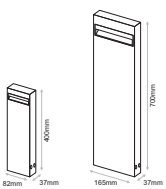
- Origin Bollard is available in two models and can be ideally combined with Origin wall luminaires.
- This series is available in Black. Other RAL colours also available upon request.
- Luminaire body: Aluminium
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06

LIGHTSOURCE BY bridgelux.

IP65

Model	Watt / Height	CCT*	CRI80 LED Source	Colour	Dimming Option
			80 *(80)*		
ORIGIN Bollard *(ORIGIN BD)*	**5W / 40cm** *(05-40)*	2700K *(27B)*	*635lm*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
		3000K *(30B)*	*660lm*		24VDC PWM Dimmable *(24D)*
		4000K *(40B)*	*730lm*		
	10W / 70cm *(10-70)*	2700K *(27B)*	*1200lm*		230VAC Non-Dimmable *(230ND)*
		3000K *(30B)*	*1250lm*		48VDC PWM Dimmable *(48D)*
		4000K *(40B)*	*1380lm*		

Ordering Code Example: *ORIGIN BD-10-70-30B-80-BL-230ND*



5W / 40cm 10W / 70cm

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ELECTRON

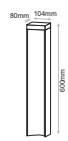
Exterior Inground, Surface, Wall, Bollard

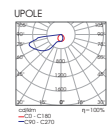
UPOLE

- UPOLE is a minimal bollard available in dark grey colour.
- Housing: Powder coated aluminium
- Cable: H05RN-F 3x0.75mm^2
- IK Rate: IK06
- Ingress Protection: IP65

IP65

Model	Watt	CCT - Luminaire Lumen	CRI	Voltage	Colour	Dimensions	IP Rate
UPOLE	14.2W	2700K - 636lm	80	230VAC	Dark Grey	104x80x600mm	IP65





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MAROON

Exterior Inground, Surface, Wall, Bollard

MAROON consists of two slim and elegant bollard with minimal aesthetic available in 8 and 15 Watt.

- It offers visual comfort and is ideal for outdoor landscapes.
- Available in black colour. RAL colours available upon request.
- Luminaire body: Aluminium
- Available with stainless steel spike or concrete base supplied as extra.
- IK Rate: IK08
- L90/ B10 50000h
- Ingress Protection: IP65

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MAROON

Exterior Inground, Surface, Wall, Bollard

LIGHTSOURCE BY bridgelux.

IP65

Model	CCT	LED Source	Height	Type	CRI	Beam Angle	Colour	Dimming Option
MAROON 8W *(MAROON 8)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	*535lm* *540lm* *555lm*	H: 400mm *(400)*	Fixed *(FX)*	80 *(80)*	115° *(115)*	Black *(BL)*	230VAC *(230)*
MAROON 15W *(MAROON 15)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	*1505lm* *1512lm* *1525lm*	H: 700mm *(700)*					

Ordering Code Example: *MAROON 15-40B-700-FX-80-115-BL-230*

MAROON 15W

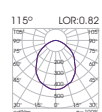
MAROON 8W

ACR.084
Stainless Steel Spike for MAROON 8W (as extra)

ACR.083
Stainless Steel Spike for MAROON 15W (as extra)

ACR.101
Concrete Base for MAROON 8 (as extra)

ACR.063
Concrete Base for MAROON 15 (as extra)



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STOCKY

Exterior Inground, Surface, Wall, Bollard

- Stocky luminaire is a linear slim luminaire with minimal aesthetic.
- Ideal to blend into an outdoor landscape.
- Pole & base material: stainless steel or brass.
- Top part material: glass.
- Ingress Protection IP65
- IK Rate: IK06
- Available in either curved ot flat top.

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Exterior Inground, Surface, Wall, Bollard

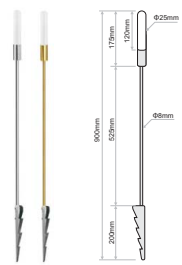
CREE LEDs

IP65

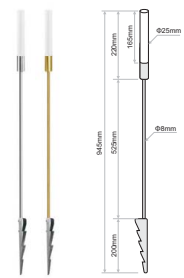
Model	Glass	Finish	CCT	LED Source	Beam Angle	Voltage
STOCKY 2W *(STOCKY 2)*	Curved Top *(CT)* Flat Top *(FT)*	Stainless Steel *(SS)* Brass *(BR)*	3000K *(30C)*	*182lm*	94° *(94)*	24VDC *(24)*

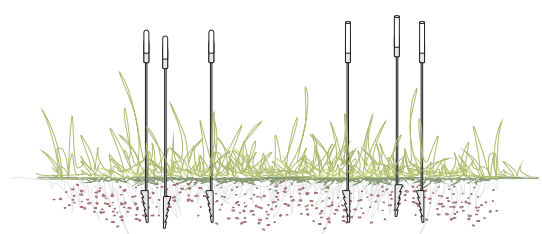
Ordering Code Example: STOCKY 2-CT-SS-30C-94-24

Curved Top



Flat Top





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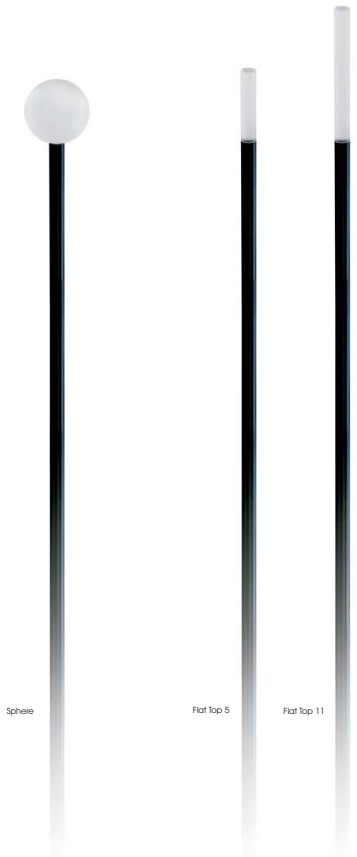
TROPICAL

Exterior Inground, Surface, Wall, Bollard

- TROPICAL is an elegant miniaturized outdoor luminaire.
- Ideal to blend into any outdoor landscape due to the minimal aesthetic.
- Available in 50, 85, or 120cm pole.
- Cabling: 50cm pole supplied with 1,5m cable, 85/120cm poles supplied with 2,5m cable.
- Pole material: aluminium.
- Top part material: acrylic.
- Ingress Protection IP65
- IK Rate: IK05



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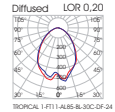
ELECTRON

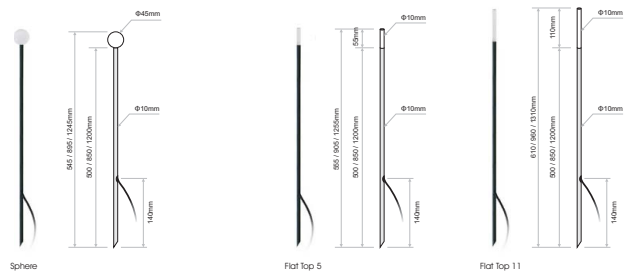
LIGHTSOURCE BY bridgelux.

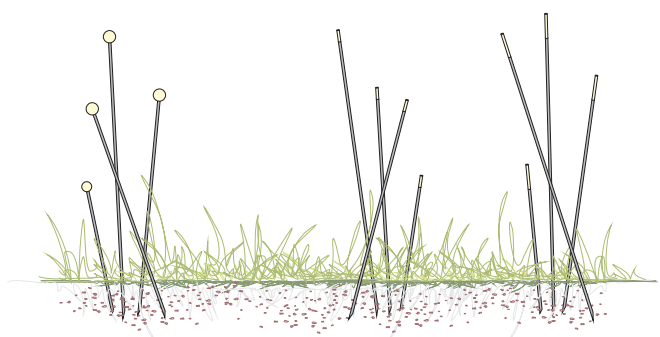
IP65

Model	Acrylic Top	Aluminium Pole	Colour	CCT	LED Source	Beam Angle	Voltage
TROPICAL 0.5W *(TROPICAL 1)*	Sphere *(SP)* Flat Top 5 *(FT5)* Flat Top 11 *(FT11)*	50cm *(AL50)* 85cm *(AL85)* 120cm *(AL120)*	Black *(BL)* White *(WH)* Brown *(BR)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	40lm 45lm 50lm	Diffused *(DF)*	24VDC PWM Dimmable *(24D)*

Ordering Code Example: TROPICAL 1-FT11-AL85-BL-30B-DF-24D







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TRETTO

Exterior Inground, Surface, Wall, Bollard

TRETTO is a minimal luminaire with pole available with one, two or three spots.

- It has minimal aesthetic: no visible screws on the luminaire.
- Available with base for ground installation or with base suitable for spike.
- The height of each luminaire on the pole is adjustable.
- Each luminaire is both rotatable and tiltable 360degrees.
- Body material and base: aluminium.
- Pole material: stainless steel.
- Spike material: plastic.
- Each luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Supplied in black colour as standard, custom RAL colours available upon request.
- Power cable H05RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- UGR<19 (15°, 30°, 46°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

TRETTO 6.5W TRETTO 13W TRETTO 19.5W

TRETTO TRETTO with Snoot TRETTO with Half Snoot

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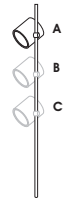
ELECTRON

CREE LEDs IP67

Model	Type	Colour	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Dimming Option*	Accessories
				80 (80)	90 (90)			(X X)
TRETTO 6.5W (TRETTO 7)	Base (BS)	Black (BL)	2700K (27C)	713lm	570lm	15° (15)	Without Driver (00)	Standard (0:)
	Spike (SP)		3000K (30C)	713lm	615lm	30° (30)	230VAC Non Dimmable (230ND)	Snoot (1:)
TRETTO 13W (TRETTO 13)			4000K (40C)	765lm	660lm	46° (45)	24V/48DC Non Dimmable (2448ND)	Half Snoot (2:)
			5000K (50C)	765lm	713lm		24VDC PWM Dimmable (24DM)	Standard (:0)
TRETTO 19.5W (TRETTO 20)			6500K (65C)	765lm	-		48VDC PWM Dimmable (48DM)	Honeycomb (:1)
							230V Phase Cut (230PC)	Softening lens (:2)
								Line spread lens (:3)

* With external IP68 casing box Dali, 1-10V dimming also possible.



Ordering Code Guide for TRETTO:

A: Upper module
B: Middle module (where applicable)
C: Lower module (where applicable)

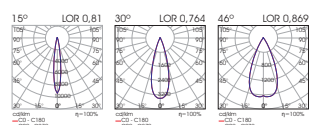
TRETTO model - Type - Colour - CCT - CRI - Beam Angle - Dimming - Accessories

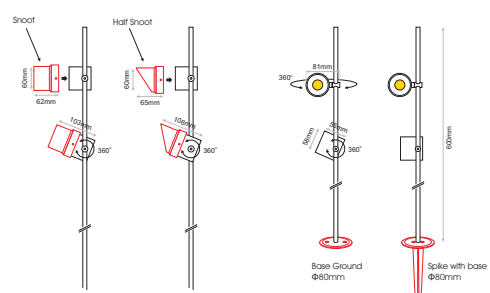
(TRETTO 7)	(BS)(SP)	(BL)	A	A	A	(00)	A
(TRETTO 13)			AB	AB	AB		AB
(TRETTO 20)			ABC	ABC	ABC		ABC

Note: If modules AB (for Tretto 13) or if all modules ABC (for Tretto 20) have common characteristic(s) please mention this characteristic(s) only once.

Ordering Code Examples:

TRETTO 7-BS-BL-30C-80-46-00-01
TRETTO 13-BS-BL-30C50C-8090-4630-00-0110
TRETTO 20-BS-BL-30C30C50C-809080-154646-00-01





ACR.053 Honeycomb (as extra)
ACR.050 Softening lens (as extra)
ACR.051 Line spread lens (as extra)

MUSHROOM

Exterior Inground, Surface, Wall, Bollard

- MUSHROOM is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black, white or brown colour.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 2x2200mAh Li-ion, 3.7V
- Battery charging time: 5 hours (5V/1A).
- Touch switch. Stepless dimmable. Memory of brightness.
- Battery life according to light output: 10-120hrs.
- Ingress Protection: IP54

Rechargeable

IP54

Code	Colour	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.005	Black	2W	3000K - 240lm	2x2200mAh Li-ion, 3.7V	5VDC	197mm x (H)225mm	IP54
TAB.006	White						
TAB.007	Brown						

Charging time:
5hrs (5V/1A).

Battery life:
10-120hrs.

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KEPLER

Exterior Inground, Surface, Wall, Bollard

- KEPLER is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black, white or brown colour.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 2x2200mAh Li-ion, 3.7V
- Battery charging time: 5 hours (5V/1A).
- Touch switch, Stepless dimmable, Memory of brightness & Colour Temperature.
- Battery life according to light output: 10-120hrs.
- Ingress Protection: IP54

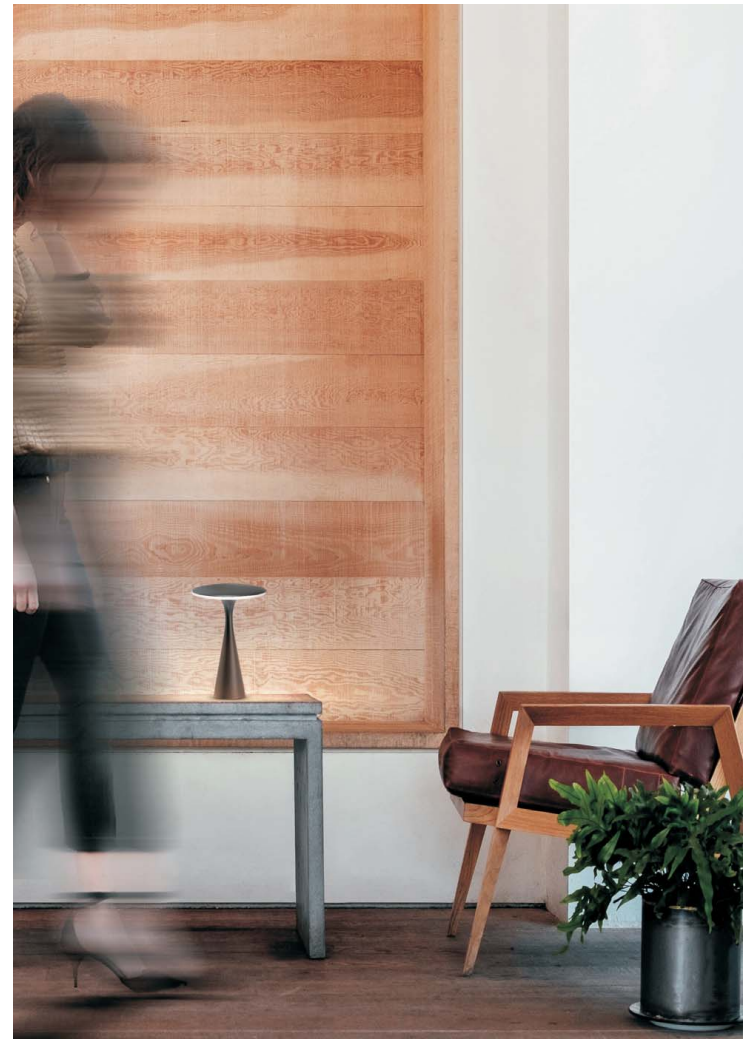
Rechargeable

IP54

Code	Colour	Watt	CCT - Lumen	CRI	Battery	Voltage	Dimensions	IP Rate
TAB.008	Black	2W	2200-2700-3000K - 170lm	>80	2x2200mAh 3,7V	5VDC	Φ135mm x (H)260mm	IP54
TAB.009	White							
TAB.010	Brown							

Charging time:
5hrs (5V/1A)

Battery life:
10-120hrs



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MARLO

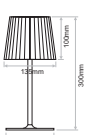
Exterior Inground, Surface, Wall, Bollard

- MARLO is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium
- Available in Black or White.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54

Rechargeable

IP54

Code	Colour	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.003	Black	2W	3000K - 183lm	1x2600mAh Li-ion, 3.7V	5VDC	135mm x (H)300mm	IP54
TAB.004	White						



Charging time:
3hrs (5V/1A)

Battery life:
4hrs at 100%, 10hrs at 40%, 40hrs at 10%

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PHAROS

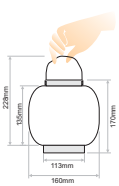
Exterior Inground, Surface, Wall, Bollard

- PHAROS is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black colour.
- Diffuser material: frosted polycarbonate.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54

Rechargeable

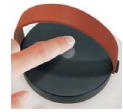
IP54

Code	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.000	2W	3000K - 202lm	1x2600mAh Li-ion, 3.7V	5VDC	160mm x (H)228mm	IP54



Charging time:
3hrs (5V/1A)

Battery life:
4hrs at 100%, 10hrs at 40%, 40hrs at 10%



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PLUMB

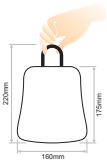
Exterior Inground, Surface, Wall, Bollard

- PLUMB is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black colour.
- Diffuser material: frosted polycarbonate.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-Ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54

Rechargeable

IP54

Code	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.001	2W	3000K - 212lm	1x2600mAh Li-Ion, 3.7V	5VDC	160mm x (H)220mm	IP54



Charging time:
3hrs (5V/1A)

Battery life:
4hrs at 100%, 10hrs at 40%, 40hrs at 10%

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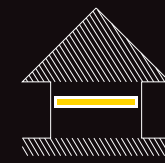
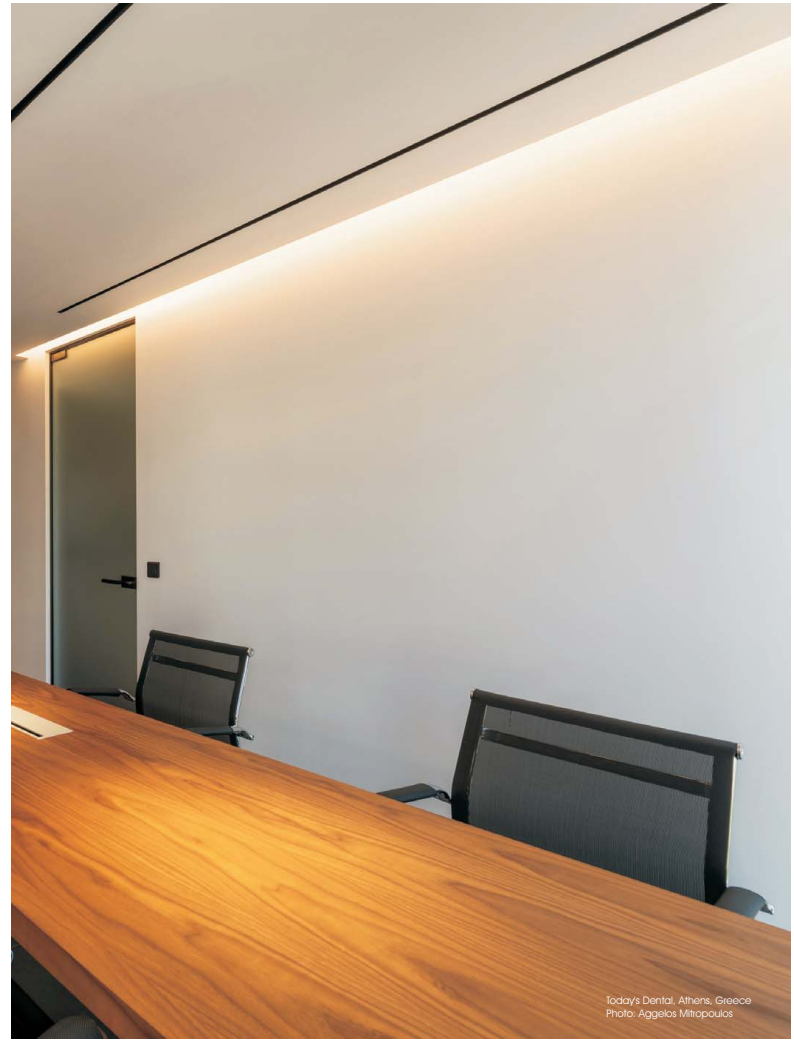
INTERIOR LINEAR





Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

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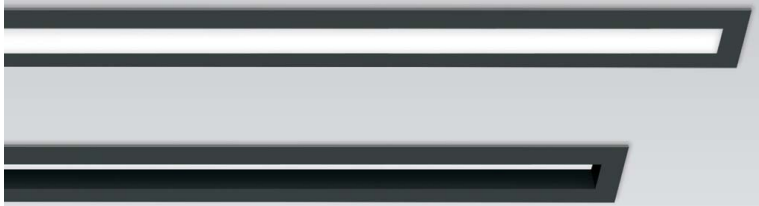
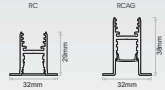
LINILINE RC/RCAG
(Recessed/Recessed Antiglare)

Interior Linear



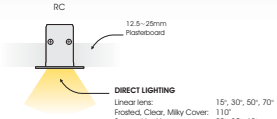
- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



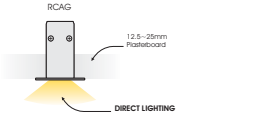
Available upon request:

√ *Custom dimensions*
√ *Custom luminaire colours*



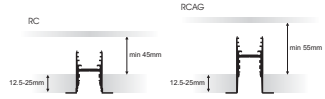
DIRECT LIGHTING

Linear lens:	15°, 30°, 50°, 70°
Frosted, Clear, Milky Cover:	110°
Symmetrical lens:	20°, 35°, 60°
Oval lens:	25°x45°



DIRECT LIGHTING

Linear lens:	15°, 30°, 45°, 60°
Frosted, Clear:	70°
Milky Cover:	80°
Symmetrical lens:	20°, 35°, 60°
Oval lens:	25°x45°



Outer Dimensions:

for Standard Models:
32 x 54,2/79,2/104,2/129,2/154,2/179,2/204,2cm
Cutting hole:
22 x 53,2/78,2/103,2/128,2/153,2/178,2/203,2cm

for Superior Models:
32 x 51,6/76,6/101,6/126,6/151,6/176,6/201,6cm
Cutting hole:
22 x 50,6/75,6/100,6/125,6/150,6/175,6/200,6cm

Note: Cutting hole must be 10mm shorter than the luminaire lenght.

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Direct:
Milky / Clear / Frosted cover

Direct:
Linear lens

Direct:
Symmetrical / Oval lens

(High dencity lenses.)

(High dencity lenses.)

Direct:
Symmetrical / Oval lens

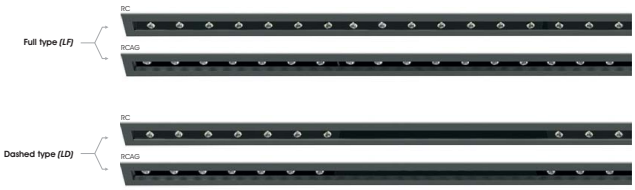
(Low dencity lenses.)

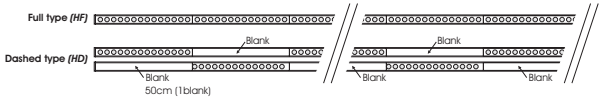
(Low dencity lenses.)

Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE RC/RCAG High efficiency

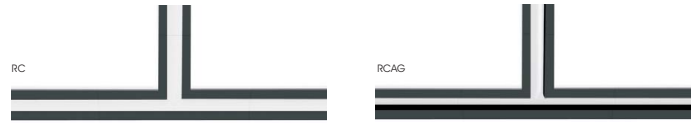
Low density lenses
LINILINE RC/RCAG High efficiency





50cm (1blank)
75cm (1 blank)
100cm (2 blanks)
125cm (2 blanks)
150cm (3 blanks)
175cm (3 blanks)
200cm (4 blanks)

Custom quantities of blanks is available upon request.

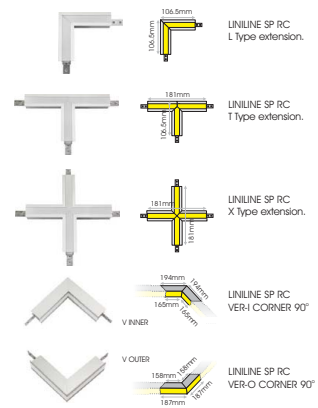


The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation.
Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

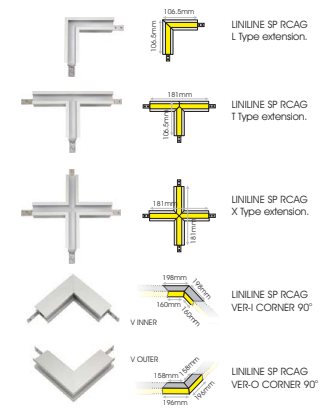
Extensions for Superior models

Note: The refered dimensions of extensions are valid with 21W Nichia LED strip.

RC



RCAG



PRH.043 EXTENSION LINE

LINILINE **RECESSED**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage
LINILINE STANDARD RECESSED *(LINILINE ST RC)* **LINILINE SUPERIOR RECESSED** *(LINILINE SP RC)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models***** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models****** 11W / 54.2cm *(11W054)* 15.7W / 79.2cm *(16W079)* 21W / 104.2cm *(21W104)* 26.3W / 129.2cm *(26W129)* 31.5W / 154.2cm *(32W154)* 36.3W / 179.2cm *(36W179)* 42W / 204.2cm *(42W204)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimension without end caps for Superior models (add 8mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: *LINILINE ST RC-AN-3080-110M-32W150-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR RECESSED L TYPE *(LINILINE SP RC-LT)* **LINILINE SUPERIOR RECESSED T TYPE** *(LINILINE SP RC-TT)* **LINILINE SUPERIOR RECESSED X TYPE** *(LINILINE SP RC-XT)* **LINILINE SUPERIOR RECESSED VER-I TYPE** *(LINILINE SP RC-VER-IT)* **LINILINE SUPERIOR RECESSED VER-O TYPE** *(LINILINE SP RC-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 10,65x10,65cm *(4W1111)* 5.3W / 18,1x10,65cm *(5W1811)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16,5x16,5cm *(5W1717)* 7W / 18,7x18,7cm *(7W1919)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE PD-LT-AN-3080-30L-4W1111-24*

LINILINE **RECESSED ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage
LINILINE STANDARD RECESSED ANTIGLARE *(LINILINE ST RCAG)* **LINILINE SUPERIOR RECESSED ANTIGLARE** *(LINILINE SP RCAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models****** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models******* 11W / 54.2cm *(11W054)* 15.7W / 79.2cm *(16W079)* 21W / 104.2cm *(21W104)* 26.3W / 129.2cm *(26W129)* 31.5W / 154.2cm *(32W154)* 36.3W / 179.2cm *(36W179)* 42W / 204.2cm *(42W204)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Lenght without end caps for Superior models (add 8mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: *LINILINE ST RCAG-AN-3080-70F-32W150-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR RECESSED ANTIGLARE L TYPE *(LINILINE SP RCAG-LT)* **LINILINE SUPERIOR RECESSED ANTIGLARE T TYPE** *(LINILINE SP RCAG-TT)* **LINILINE SUPERIOR RECESSED ANTIGLARE X TYPE** *(LINILINE SP RCAG-XT)* **LINILINE SUPERIOR RECESSED ANTIGLARE VER-I TYPE** *(LINILINE SP RCAG-VER-IT)* **LINILINE SUPERIOR RECESSED ANTIGLARE VER-O TYPE** *(LINILINE SP RCAG-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 10,65x10,65cm *(4W1111)* 5.3W / 10,65x18,1cm *(5W1118)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16x16cm *(5W1616)* 7W / 19,6x19,6cm *(7W2020)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP RCAG-LT-AN-3080-30L-4W1111-24*

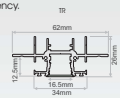
LINILINE TR/TRAG
(Trimless/Trimless Antiglare)

Interior Linear

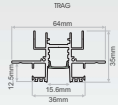
- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

TR



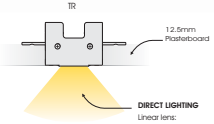
TRAG



Available upon request:

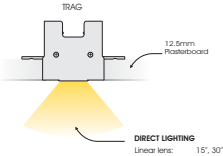
✓ *Custom dimensions*
✓ *Custom luminaire colours*

TR



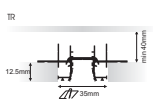
Linear lens: 15°, 30°, 50°, 70°
Frosted, Clear, Milky Cover: 110°

TRAG

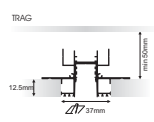


Linear lens: 15°, 30°, 45°, 60°
Frosted, Clear: 70°
Milky Cover: 80°

TR

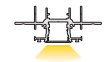


TRAG

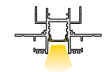


ELECTRON

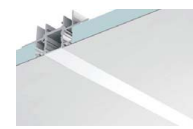
Direct:
Milky / Clear / Frosted cover

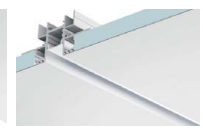


TR

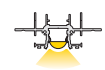


TRAG



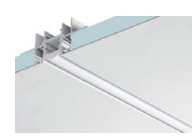


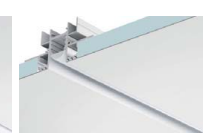
Direct:
Linear lens



TR

TRAG





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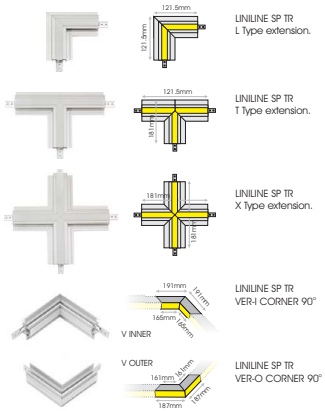
LINILINE TR/TRAG
(Trimless/Trimless Antiglare)

The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation.
Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

Extensions for Superior models

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.

TR



LINILINE SP TR
L Type extension.

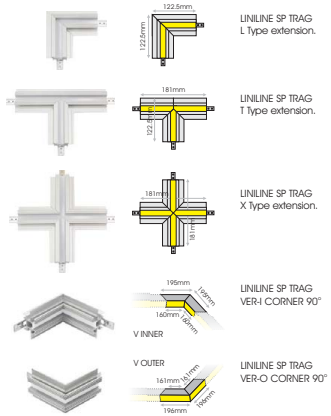
LINILINE SP TR
T Type extension.

LINILINE SP TR
X Type extension.

LINILINE SP TR
VER-I CORNER 90°

LINILINE SP TR
VER-O CORNER 90°

TRAG



LINILINE SP TRAG
L Type extension.

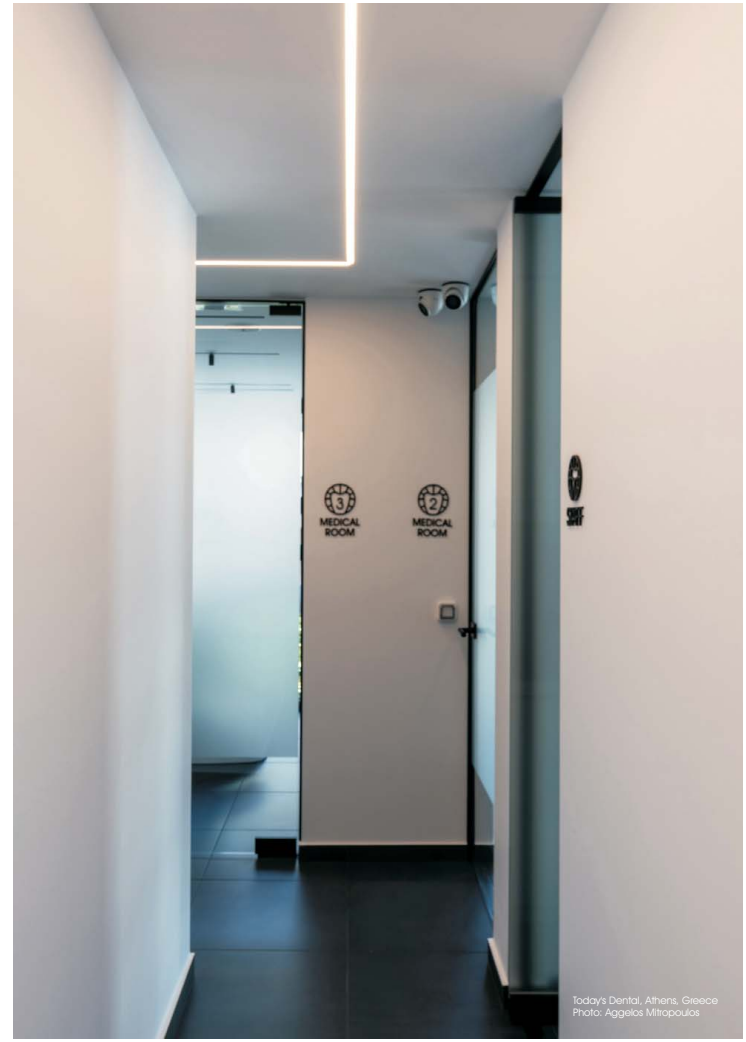
LINILINE SP TRAG
T Type extension.

LINILINE SP TRAG
X Type extension.

LINILINE SP TRAG
VER-I CORNER 90°

LINILINE SP TRAG
VER-O CORNER 90°

PRH.043 EXTENSION LINE



Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

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LINILINE **TRIMLESS**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt* / Length **	Voltage
LINILINE STANDARD TRIMLESS *(LINILINE ST TR)* **LINILINE SUPERIOR TRIMLESS** *(LINILINE SP TR)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)* >90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)*	***Superior models**** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models***** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
** Available in custom lenghts, luminaire colours and power upon request.
**** Dimension without end caps for Superior models (add 1.5mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: *LINILINE ST TR-AN-3080-110M-42W200-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt*** / Length	Voltage
LINILINE SUPERIOR TRIMLESS L TYPE *(LINILINE SP TR-LT)* **LINILINE SUPERIOR TRIMLESS T TYPE** *(LINILINE SP TR-TT)* **LINILINE SUPERIOR TRIMLESS X TYPE** *(LINILINE SP TR-XT)* **LINILINE SUPERIOR TRIMLESS VER-I TYPE** *(LINILINE SP TR-VER-IT)* **LINILINE SUPERIOR TRIMLESS VER-O TYPE** *(LINILINE SP TR-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)* >90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)*	3.5W / 12.15x12.15cm *(4W1212)* 5.3W / 12.15x18,1cm *(5W1218)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16,5x16,5cm *(7W1717)* 7W / 18,7x18,7cm *(7W1919)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaire.
*** The refered dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP TR-LT-AN-3080-30L-4W1010-24*

LINILINE **TRIMLESS ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt* / Length **	Voltage
LINILINE STANDARD TRIMLESS ANTIGLARE *(LINILINE ST TRAG)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE** *(LINILINE SP TRAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)* >90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)*	***Superior models**** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models****** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
** Available in custom lenghts, luminaire colours and power upon request.
*** Dimension without end caps for Superior models (add 1.5mm for each end cap).
**** Dimension with end caps.

Ordering Code Example: *LINILINE ST TRAG-AN-3080-70F-36W175-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt*** / Length	Voltage
LINILINE SUPERIOR TRIMLESS ANTIGLARE L TYPE *(LINILINE SP TRAG-LT)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE T TYPE** *(LINILINE SP TRAG-TT)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE X TYPE** *(LINILINE SP TRAG-XT)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE VER-I TYPE** *(LINILINE SP TRAG-VER-IT)* **LINILINE SUPERIOR TRIMLESS ANTIGLARE VER-O TYPE** *(LINILINE SP TRAG-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)* >90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)*	3.5W / 12,25x12,25cm *(4W1212)* 5.3W / 12,25x18,1cm *(5W1218)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16x16cm *(7W1616)* 7W / 19,6x19,6cm *(7W2020)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaire.
*** The refered dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP TRAG-LT-AN-3080-30L-4W1010-24*

LINILINE SF/SFAG
(Surface/Surface Antiglare)

Interior Linear

- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

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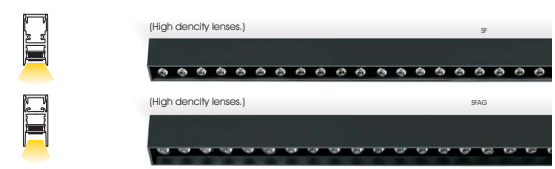
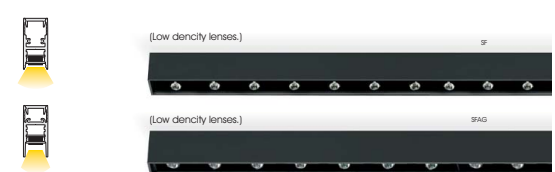
Direct:
Milky / Clear / Frosted cover

Direct:
Linear lens

Direct:
Symmetrical / Oval lens



Direct:
Symmetrical / Oval lens



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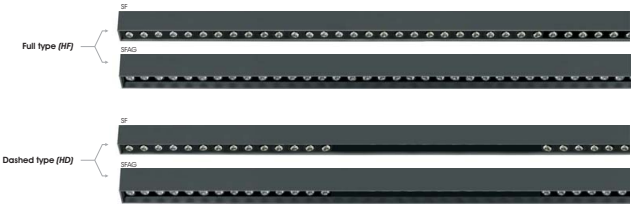
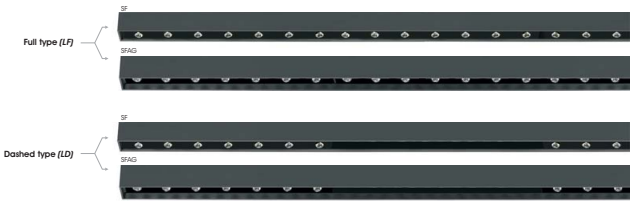
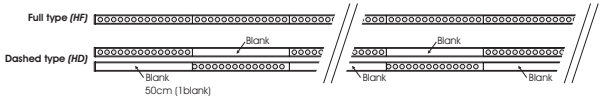
Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE SF/SFAG High efficiency



Low density lenses
LINILINE SF/SFAG High efficiency





50cm (1blank)
75cm (1 blank)
100cm (2 blanks)
125cm (2 blanks)
150cm (3 blanks)
175cm (3 blanks)
200cm (4 blanks)

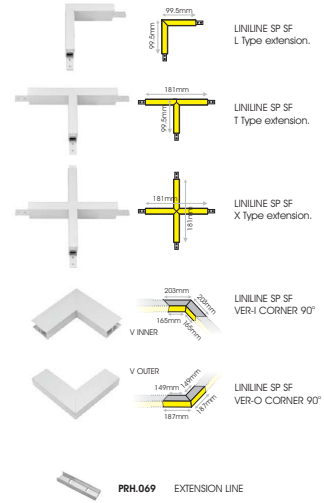
Custom quantities of blanks is available upon request.

The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation.
Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

Extensions for Superior models

Note: The refered dimensions of extensions are valid with 21W Nichia LED strip.

SF



LINILINE SP SF
L Type extension.

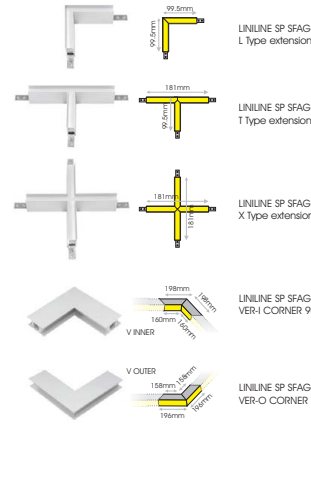
LINILINE SP SF
T Type extension.

LINILINE SP SF
X Type extension.

LINILINE SP SF
VER-I CORNER 90°

LINILINE SP SF
VER-O CORNER 90°

SFAG



LINILINE SP SFAG
L Type extension.

LINILINE SP SFAG
T Type extension.

LINILINE SP SFAG
X Type extension.

LINILINE SP SFAG
VER-I CORNER 90°

LINILINE SP SFAG
VER-O CORNER 90°

PRH.069 EXTENSION LINE

LINILINE **SURFACE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage
LINILINE STANDARD SURFACE *(LINILINE ST SF)* **LINILINE SUPERIOR SURFACE** *(LINILINE SP SF)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models****** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models******* 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimension without end caps for Superior models (add 2mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: *LINILINE ST SF-AN-3080-110M-32W150-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR SURFACE L TYPE *(LINILINE SP SF-LT)* **LINILINE SUPERIOR SURFACE T TYPE** *(LINILINE SP SF-TT)* **LINILINE SUPERIOR SURFACE X TYPE** *(LINILINE SP SF-XT)* **LINILINE SUPERIOR SURFACE VER-I TYPE** *(LINILINE SP SF-VER-IT)* **LINILINE SUPERIOR SURFACE VER-O TYPE** *(LINILINE SP SF-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16,5x16,5cm *(5W1018)* 7W / 18,7x18,7cm *(7W1818)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The refered dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP SF-LT-AN-3080-30L-4W1010-24*

LINILINE **SURFACE ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage
LINILINE STANDARD SURFACE ANTIGLARE *(LINILINE ST SFAG)* **LINILINE SUPERIOR SURFACE ANTIGLARE** *(LINILINE SP SFAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models****** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models******* 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight)
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD). Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimension without end caps for Superior models (add 2mm for each end cap).
***** Dimension with end caps. .

Ordering Code Example: *LINILINE ST SFAG-AN-3080-70F-32W150-24*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR SURFACE ANTIGLARE L TYPE *(LINILINE SP SFAG-LT)* **LINILINE SUPERIOR SURFACE ANTIGLARE T TYPE** *(LINILINE SP SFAG-TT)* **LINILINE SUPERIOR SURFACE ANTIGLARE X TYPE** *(LINILINE SP SFAG-XT)* **LINILINE SUPERIOR SURFACE ANTIGLARE VER-I TYPE** *(LINILINE SP SFAG-VER-IT)* **LINILINE SUPERIOR SURFACE ANTIGLARE VER-O TYPE** *(LINILINE SP SFAG-VER-OT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)* 7W / 16x16cm *(7W1616)* 7W / 19,6x19,6cm *(7W2020)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The refered dimensions of extensions are valid with 21W Nichia LED strip.

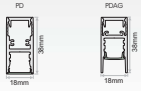
Ordering Code Example: *LINILINE SP SFAG-LT-AN-3080-30L-4W1010-24*

LINILINE PD/PDAG
(Pendant/Pendant Antiglare)

Interior Linear

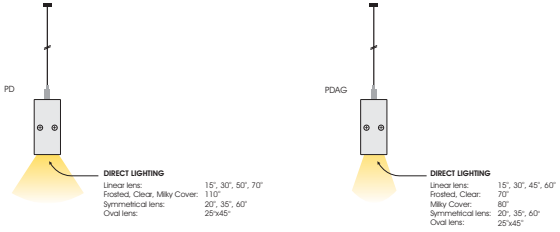
- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*



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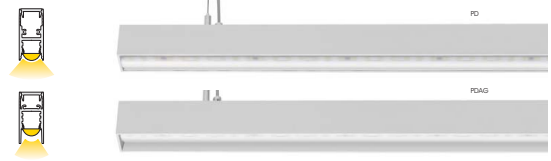
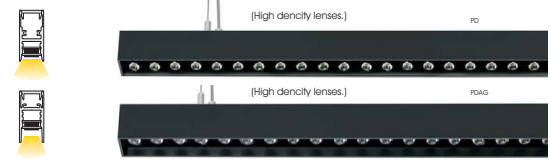
Interior Linear

Direct:
Milky / Clear / Frosted cover

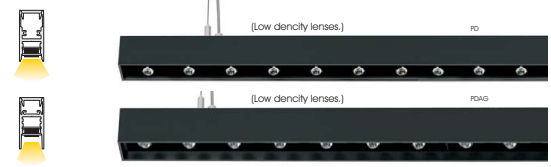
Direct:
Linear lens



Direct:
Symmetrical / Oval lens



Direct:
Symmetrical / Oval lens



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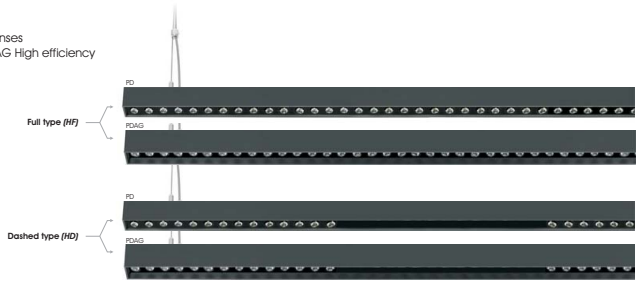
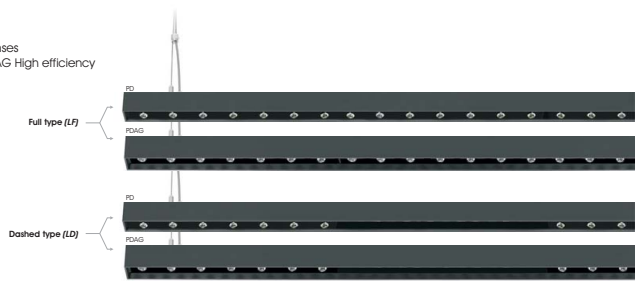
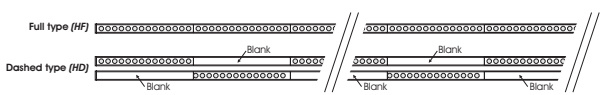
Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE PD/PDAG High efficiency



Low density lenses
LINILINE PD/PDAG High efficiency





50cm (1blank)
75cm (1 blank)
100cm (2 blanks)
125cm (2 blanks)
150cm (3 blanks)
175cm (3 blanks)
200cm (4 blanks)

Custom quantities of blanks is available upon request.

The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation.
Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

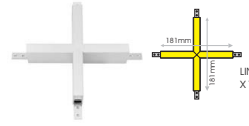
Extensions for Superior models

Note: The refered dimensions of extensions are valid with 21W Nichia LED strip.

PD

LINILINE SP PD-LT
L Type extension.

LINILINE SP PD-TT
T Type extension.

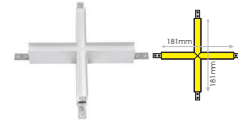


LINILINE SP PD-XT
X Type extension.

PDAG

LINILINE SP PDAG-LT
L Type extension.

LINILINE SP PDAG-TT
T Type extension.



LINILINE SP PDAG-XT
X Type extension.

PRH.081 EXTENSION LINE

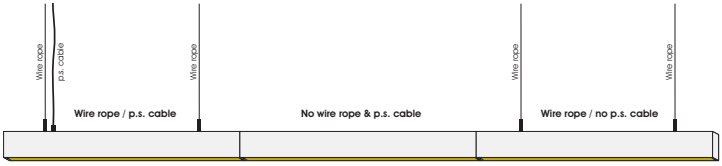
LINILINE PD/PDAG
(Pendant/Pendant Antiglare)

Interior Linear

PD

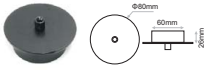
PDAG

Build-in connectors and internal wiring for electrical connection of Superior luminaires.

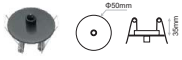


Order code example of using wire rope length & p.s. cable options on 3 Superior luminaires, connected with line extensions.
The second and third luminaire supplied from the first through build-in connectors and internal wiring.

Canopy



PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY



PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY

PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY

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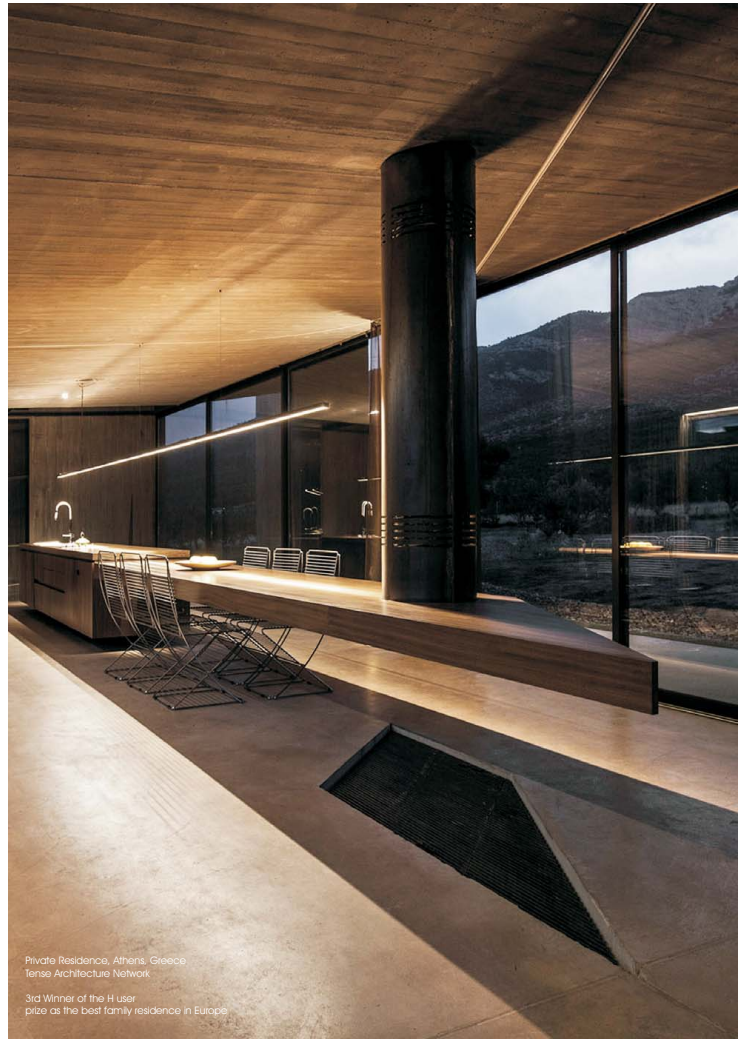
ELECTRON



Private Residence, Athens, Greece
Tense Architecture Network

3rd Winner of the H user
prize as the best family residence in Europe

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LINILINE **PENDANT**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE STANDARD PENDANT *(LINILINE ST PD)* **LINILINE SUPERIOR PENDANT** *(LINILINE SP PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models**** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models***** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*	***Wire Rope Length & p.s. cable*** ***Superior models*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)* 1,5m / no p.s.cable *(2)* 3m / no p.s. cable *(3)* No w.rope & p.s.cable *(4)* ***Standard models*** 1,5m / p.s. cable *(5)* without in-out int.wiring 3m / p.s. cable *(6)* without in-out int.wiring

* Tunable white, RG8 and RG8W models are available upon request (for downlight and /or uplight).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).
Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD).
Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimensions without end caps. Add 2mm for each end cap.
***** Dimensions with end caps.

Ordering Code Example: *LINILINE SP PD-AN-3080-35LF-32W150-24-0*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT L TYPE *(LINILINE SP PD-LT)* **LINILINE SUPERIOR PENDANT T TYPE** *(LINILINE SP PD-TT)* **LINILINE SUPERIOR PENDANT X TYPE** *(LINILINE SP PD-XT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)*	24VDC *(24)*

* Tunable white, RG8 and RG8W models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP PD-LT-AN-3080-30L-4W1010-24*

LINILINE **PENDANT ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE STANDARD PENDANT ANTIGLARE *(LINILINE ST PDAG)* **LINILINE SUPERIOR PENDANT ANTIGLARE** *(LINILINE SP PDAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models**** 11W / 50cm *(11W050)* 15.7W / 75cm *(16W075)* 21W / 100cm *(21W100)* 26.3W / 125cm *(26W125)* 31.5W / 150cm *(32W150)* 36.3W / 175cm *(36W175)* 42W / 200cm *(42W200)* ***Standard models***** 11W / 53cm *(11W053)* 15.7W / 78cm *(16W078)* 21W / 103cm *(21W103)* 26.3W / 128cm *(26W128)* 31.5W / 153cm *(32W153)* 36.3W / 178cm *(36W178)* 42W / 203cm *(42W203)*	24VDC *(24)*	***Wire Rope Length & p.s. cable*** ***Superior models*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)* 1,5m / no p.s.cable *(2)* 3m / no p.s. cable *(3)* No w.rope & p.s.cable *(4)* ***Standard models*** 1,5m / p.s. cable *(5)* without in-out int.wiring 3m / p.s. cable *(6)* without in-out int.wiring

* Tunable white, RG8 and RG8W models are available upon request (for downlight and /or uplight).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).
Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD).
Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m
**** Dimensions without end caps. Add 2mm for each end cap.
***** Dimensions with end caps.

Ordering Code Example: *LINILINE ST PDAG-AN-3080-35LF-32W150-24-3*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT ANTIGLARE L TYPE *(LINILINE SP PDAG-LT)* **LINILINE SUPERIOR PENDANT ANTIGLARE T TYPE** *(LINILINE SP PDAG-TT)* **LINILINE SUPERIOR PENDANT ANTIGLARE X TYPE** *(LINILINE SP PDAG-XT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)*	24VDC *(24)*

* Tunable white, RG8 and RG8W models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of the luminaires.
*** The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP PDAG-LT-AN-3080-30L-4W1010-24*

LINILINE PDDI/PDDIAG

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

Interior Linear

- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

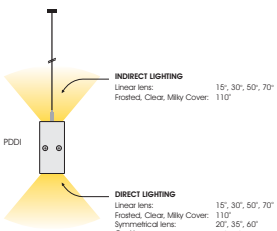
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

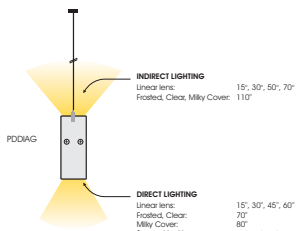
PDDI

PDDIAG

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*





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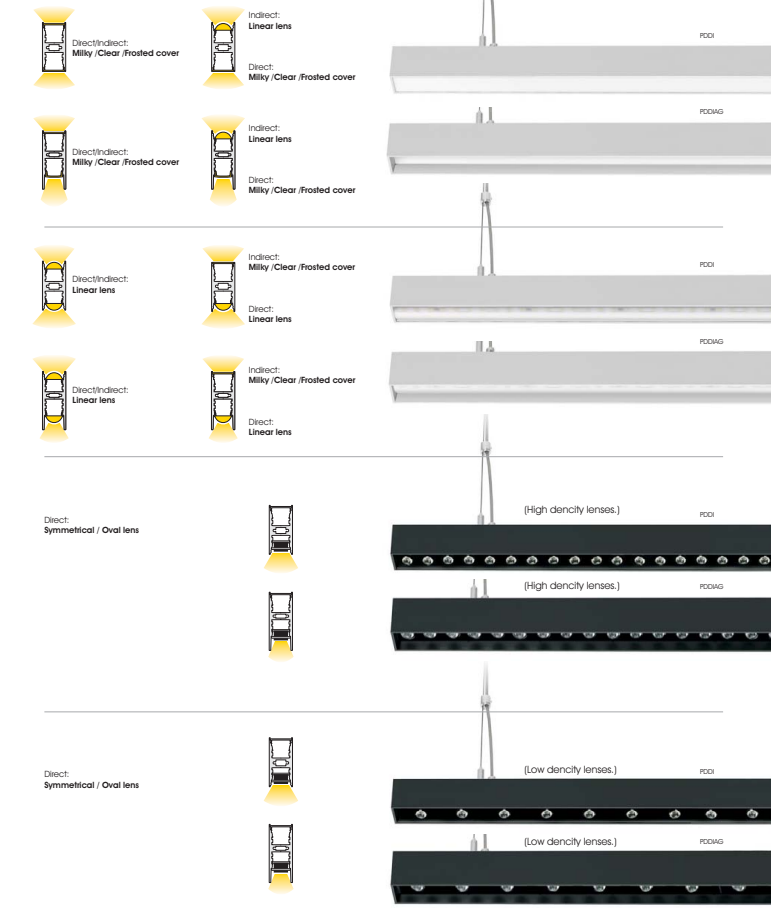
ELECTRON

Interior Linear

LINILINE PDDI/PDDIAG

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



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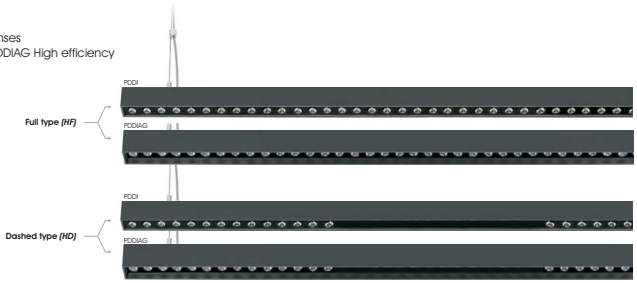
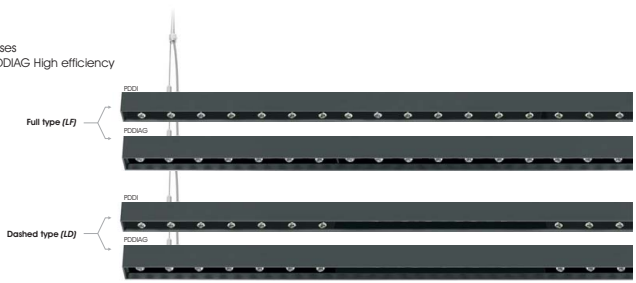
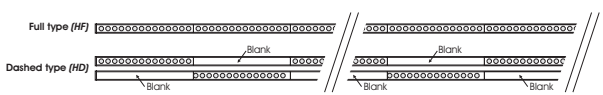
Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE PDDI/PDDIAG High efficiency



Low density lenses
LINILINE PDDI/PDDIAG High efficiency





50cm (1blank)
75cm (1 blank)
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150cm (3 blanks)
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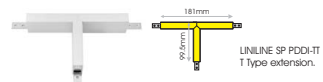
Extensions for Superior models

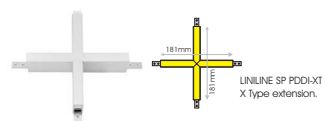
Note: The refered dimensions of extensions are valid with 21W Nichia LED strip.

PDDI

LINILINE SP PDDI-LT
L Type extension.

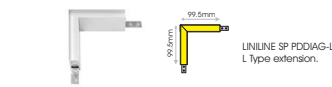


LINILINE SP PDDI-TT
T Type extension.

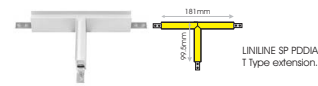


LINILINE SP PDDI-XT
X Type extension.

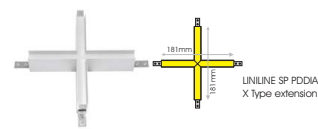
PDDIAG



LINILINE SP PDDIAG-LT
L Type extension.



LINILINE SP PDDIAG-TT
T Type extension.



LINILINE SP PDDIAG-XT
X Type extension.

PRH.080 LINILINE PDDI/PDDIAG EXTENSION LINE

LINILINE PDDI/PDDIAG

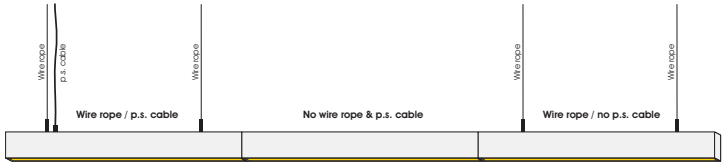
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

Interior Linear

PDDI

PDDIAG

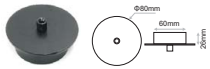
Build-in connectors and internal wiring for electrical connection of Superior luminaires.



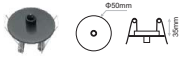
*LINILINE PDDI\PDDIAG-.....-**0**X / **1**X* *LINILINE PDDI\PDDIAG-.....-**4**X* *LINILINE PDDI\PDDIAG-.....-**2**X / **3**X*

Example of using wire rope length & p.s. cable options on 3 Superior luminaires, connected with line extensions.
The second and third luminaire supplied from the first through build-in connectors and internal wiring.

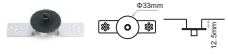
Canopy



PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY



PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY



PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY

Townhouse (Lefkada / Greece)
Lighting design: Idea Design Ltd
Architect: Ioanna Zavitsanou
Photo: Giorgi Papadakis

AWARDS:
[d]arc awards Structures Low Budget 2022: Second Place

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LINILINE **PENDANT Direct-Indirect**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE STANDARD PENDANT DIRECT/INDIRECT *(LINILINE ST PDDI)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT** *(LINILINE SP PDDI)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***DIRECT LIGHTING*** *(XXXXXX)* ***INDIRECT LIGHTING*** ***DIRECT & INDIRECT beam angle options*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***DIRECT only beam angle options*** ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)*	***Superior models***** 15.8W / 50cm *(16W050)* 26,3W / 75cm *(26W075)* 36,8W / 100cm *(37W100)* 47,3W / 125cm *(47W125)* 57.8W / 150cm *(58W150)* 68,3W / 175cm *(68W175)* 78.8W / 200cm *(79W200)* ***Standard models******* 17.5W / 53cm *(18W053)* 28W / 78cm *(28W078)* 38.5W / 103cm *(39W103)* 49W / 128cm *(49W128)* 59.5W / 153cm *(60W153)* 70W / 178cm *(70W178)* 80.5W / 203cm *(81W203)*	24VDC *(24)*	***Wire Rope Length & p.s. cable*** ***Superior models*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)* 1,5m / no p.s.cable *(2)* 3m / no p.s. cable *(3)* No w.rope & p.s.cable *(4)* ***Standard models*** 1,5m / p.s. cable *(5)* without in-out int.wiring 3m / p.s. cable *(6)* without in-out int.wiring *(XX)* ***Direct, Indirect control*** for both sides *(0)* for Direct & Indirect *(1)* side, separately

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.

*** The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).
Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD).
Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m

**** Dimensions without end caps. Add 2mm for each end cap.
***** Dimensions with end caps.

Ordering Code Example: *LINILINE ST PDDI-AN-3080-35LF100M-58W150-24-11*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT L TYPE *(LINILINE SP PDDI-LT)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT T TYPE** *(LINILINE SP PDDI-TT)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT X TYPE** *(LINILINE SP PDDI-XT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of LINILINE PDDI luminaires.
*** The refered dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP PDDI-LT-AN-3080-30L-4W1010-24*

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LINILINE **PENDANT Direct-Indirect ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE STANDARD PENDANT DIRECT/INDIRECT ANTIGLARE *(LINILINE ST PDDIAG)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE** *(LINILINE SP PDDIAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***DIRECT LIGHTING*** *(XXXXXX)* ***INDIRECT LIGHTING*** ***DIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***With LED modules (CREE LEDs)*** 20° Symmetrical lens *(20HF) (20HD) (20LF) (20LD)* 35° Symmetrical lens *(35HF) (35HD) (35LF) (35LD)* 60° Symmetrical lens *(60HF) (60HD) (60LF) (60LD)* 25°x45° Oval lens *(45HF) (45HD) (45LF) (45LD)* ***INDIRECT LIGHTING*** ***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 50° Linear lens *(50L)* 70° Linear lens *(70L)* 110° Frosted Cover *(110F)* 110° Clear Cover *(110C)* 110° Milky Cover *(110M)*	***Superior models***** 15.8W / 50cm *(16W050)* 26,3W / 75cm *(26W075)* 36.8W / 100cm *(37W100)* 47,3W / 125cm *(47W125)* 57.8W / 150cm *(58W150)* 68,3W / 175cm *(68W175)* 78.8W / 200cm *(79W200)* ***Standard models******* 17.5W / 53cm *(18W053)* 28W / 78cm *(28W078)* 38.5W / 103cm *(39W103)* 49W / 128cm *(49W128)* 59.5W / 153cm *(60W153)* 70W / 178cm *(70W178)* 80.5W / 203cm *(81W203)*	24VDC *(24)*	***Wire Rope Length & p.s. cable*** ***Superior models*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)* 1,5m / no p.s.cable *(2)* 3m / no p.s. cable *(3)* No w.rope & p.s.cable *(4)* ***Standard models*** 1,5m / p.s. cable *(5)* without in-out int.wiring 3m / p.s. cable *(6)* without in-out int.wiring *(XX)* ***Direct, Indirect control*** for both sides *(0)* for Direct & Indirect *(1)* side, separately

* Tunable white, RGB and RGBW models are available upon request (for downlight and /or uplight).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request

*** The indicated power refer to all models with 21W Nichia LED strip and/or Low density Full lenses.
Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD).
Symmetrical / Oval lens module power:
(HF) High density Full 40W/m,
(HD) High density Dashed 20W/m,
(LF) Low density Full 21W/m,
(LD) Low density Dashed 10.5W/m

**** Dimensions without end caps. Add 2mm for each end cap.
***** Dimensions with end caps.

Ordering Code Example: *LINILINE ST PDDIAG-AN-3080-35LF100M-58W150-24-11*

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE L TYPE *(LINILINE SP PDDIAG-LT)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE T TYPE** *(LINILINE SP PDDIAG-TT)* **LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTIGLARE X TYPE** *(LINILINE SP PDDIAG-XT)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)* > 90 *(90)*	***With LED strip (Nichia LEDs)*** 15° Linear lens *(15L)* 30° Linear lens *(30L)* 45° Linear lens *(45L)* 60° Linear lens *(60L)* 70° Frosted Cover *(70F)* 70° Clear Cover *(70C)* 80° Milky Cover *(80M)* ***Models with symmetrical or oval lenses*** Blank *(BLK)*	3.5W / 9.95x9.95cm *(4W1010)* 5.3W / 9.95x18,1cm *(5W1018)* 7W / 18,1x18,1cm *(7W1818)*	24VDC *(24)*

* Tunable white, RGB and RGBW models are available upon request.
** The beam angle must be the same with the DIRECT beam angle of LINILINE PDDI luminaires.
*** The refered dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: *LINILINE SP PDDIAG-LT-AN-3080-30L-4W1010-24*

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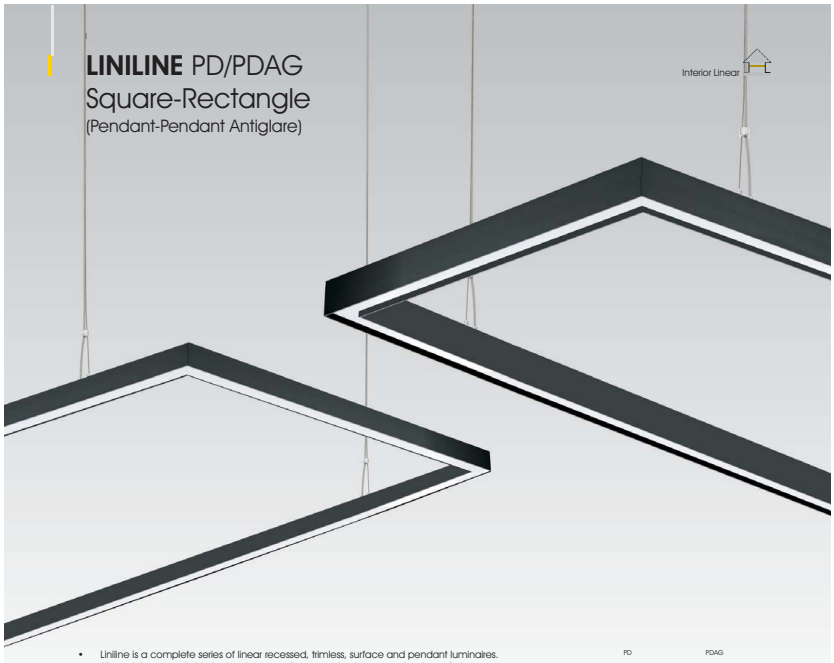
LINILINE PD/PDAG
Square-Rectangle
(Pendant-Pendant Antiglare)

Interior Linear



- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

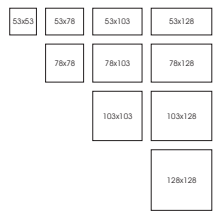
PD

PDAG

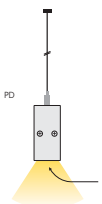
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

√ *Custom dimensions*
√ *Custom luminaire colours*



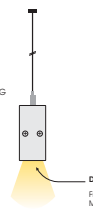
PD



DIRECT LIGHTING

Frosted, Clear, Milky Cover: 110°
Symmetrical lens: 20°, 35°, 60°

PDAG



DIRECT LIGHTING

Frosted, Clear: 70°
Milky Cover: 80°
Symmetrical lens: 20°, 35°, 60°

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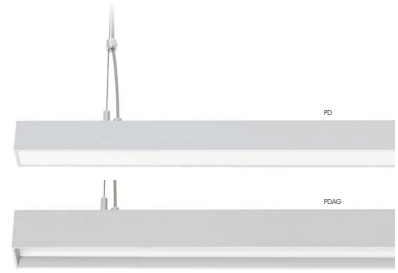
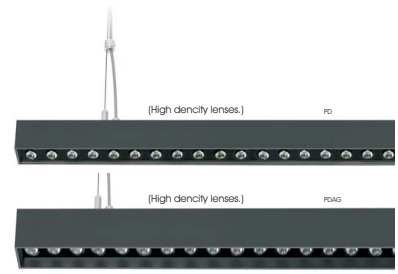
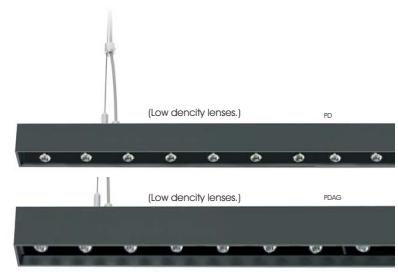
Direct/Indirect:
Milky /Clear /Frosted cover



Direct:
Symmetrical



Direct:
Symmetrical



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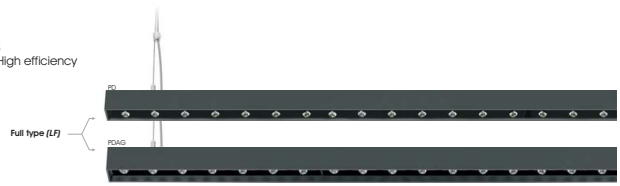
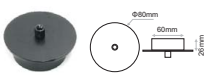
Standard Luminaire Colours:
Custom Colours available upon request

High density lenses
LINILINE PD/PDAG High efficiency

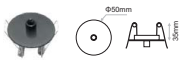
Low density lenses
LINILINE PD/PDAG High efficiency



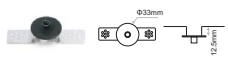
Canopy



PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY



PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY



PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY

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LIGHTSOURCE BY NICHIA CREE LEDs

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE PENDANT Square/Rectangle *(LINILINE PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	***With LED strip (Nichia LEDs)*** Frosted Cover *(FRO)* Clear Cover *(CLE)* Milky Cover *(MIL)*	42W / 53x53cm *(42W53x53)* 52,5W / 53x78cm *(53W53x78)* 63W / 53x103cm *(63W53x103)* 73,5W / 53x128cm *(74W53x128)*	24VDC *(24)*	***Wire Rope & p.s. cable lengths*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)*
				With LED modules (CREE LEDs) 20° High Density Symmetrical lens *(20H)* 20° Low Density Symmetrical lens *(20L)* 35° High Density Symmetrical lens *(35H)* 35° Low Density Symmetrical lens *(35L)* 60° High Density Symmetrical lens *(60H)* 60° Low Density Symmetrical lens *(60L)*	63W / 78x78cm *(63W78x78)* 73,5W / 78x103cm *(74W78x103)* 84W / 78x128cm *(84W78x128)* 84W / 103x103cm *(84W103x103)* 94.5W / 103x128cm *(95W103x128)* 105W / 128x128cm *(105W128x128)*		

* Tunable white, RGB and RGBW models are available upon request.
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.
*** The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density Lenses. Multiply the above watts by a factor of 1.9 to find the power of models with high density lenses.

Ordering Code Example: *LINILINE PD-AN-3080-20H-95W103x128-24-1*

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE PENDANT ANTIGLARE Square/Rectangle *(LINILINE PDAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	***With LED strip (Nichia LEDs)*** Frosted Cover *(FRO)* Clear Cover *(CLE)* Milky Cover *(MIL)*	42W / 53x53cm *(42W53x53)* 52,5W / 53x78cm *(53W53x78)* 63W / 53x103cm *(63W53x103)* 73,5W / 53x128cm *(74W53x128)*	24VDC *(24)*	***Wire Rope & p.s. cable lengths*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)*
				With LED modules (CREE LEDs) 20° High Density Symmetrical lens *(20H)* 20° Low Density Symmetrical lens *(20L)* 35° High Density Symmetrical lens *(35H)* 35° Low Density Symmetrical lens *(35L)* 60° High Density Symmetrical lens *(60H)* 60° Low Density Symmetrical lens *(60L)*	63W / 78x78cm *(63W78x78)* 73,5W / 78x103cm *(74W78x103)* 84W / 78x128cm *(84W78x128)* 84W / 103x103cm *(84W103x103)* 94.5W / 103x128cm *(95W103x128)* 105W / 128x128cm *(105W128x128)*		

* Tunable white, RGB and RGBW models are available upon request.
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.
*** The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density Lenses. Multiply the above watts by a factor of 1.9 to find the power of models with high density lenses.

Ordering Code Example: *LINILINE PDAG-AN-3080-35H-95W103x128-24-1*

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LINILINE PDDI/PDDIAG
Square-Rectangle
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

Interior Linear

- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 >50.000h
- CREE LEDs: L90/B10 >50.000h
- 3 SDCM
- IP40

PDDI

PDDIAG

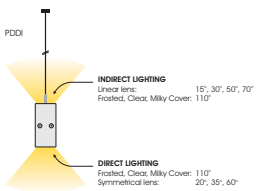
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

53x53	53x78	53x103	53x128
	78x78	78x103	78x128
		103x103	103x128
			128x128

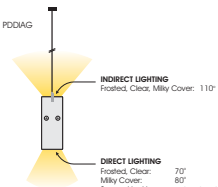
PDDI



INDIRECT LIGHTING
Linear lens: 15°, 30°, 50°, 70°
Frosted, Clear, Milky Cover: 110°

DIRECT LIGHTING
Frosted, Clear, Milky Cover: 110°
Symmetrical lens: 20°, 35°, 60°

PDDIAG



INDIRECT LIGHTING
Frosted, Clear, Milky Cover: 110°

DIRECT LIGHTING
Frosted, Clear: 70°
Milky Cover: 80°
Symmetrical lens: 20°, 35°, 60°

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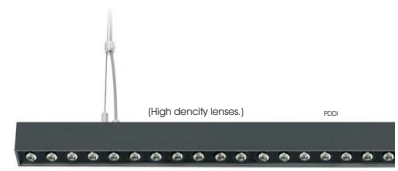
Direct/Indirect:
Milky /Clear /Frosted cover

PDDI

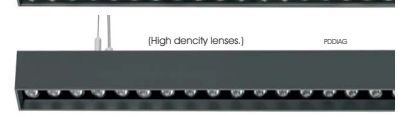
PDDIAG

Direct:
Symmetrical

(High dencity lenses.) PDDI

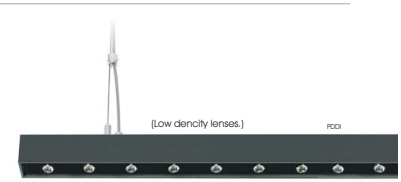


(High dencity lenses.) PDDIAG

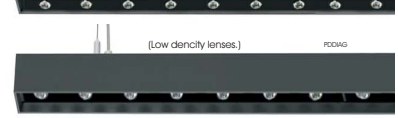


Direct:
Symmetrical

(Low dencity lenses.) PDDI



(Low dencity lenses.) PDDIAG

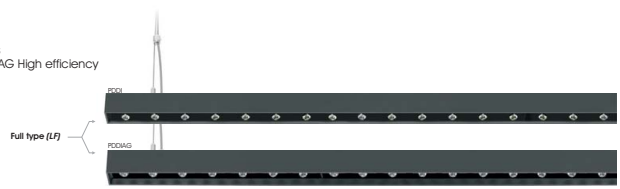


LINILINE PDDI/PDDIAG
Square-Rectangle
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

Standard Luminaire Colours:
Custom Colours available upon request

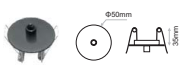
High density lenses
LINILINE PDDI/PDDIAG High efficiency

Low density lenses
LINILINE PDDI/PDDIAG High efficiency

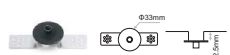


Canopy

PRH.039 Canopy Surface WHITE
PRH.082 Canopy Surface BLACK
PRH.085 Canopy Surface LIGHT GREY



PRH.040 Canopy Recessed WHITE
PRH.083 Canopy Recessed BLACK
PRH.086 Canopy Recessed LIGHT GREY



PRH.041 Canopy Trimless WHITE
PRH.084 Canopy Trimless BLACK
PRH.087 Canopy Trimless LIGHT GREY

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LINILINE PDDI/PDDIAG
Square-Rectangle
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

LIGHTSOURCE BY NICHIA CREE LEDs

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE PENDANT DIRECT/INDIRECT Square/Rectangle *(LINILINE PDDI)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	***DIRECT LIGHTING*** / *(XX/XXX)* / ***INDIRECT LIGHTING*** ***DIRECT & INDIRECT beam angle options With LED strip (Nichia LEDs)*** Frosted Cover *(FRO)* Clear Cover *(CLE)* Milky Cover *(MIL)* ***DIRECT only beam angle options With LED modules (CREE LEDs)*** 20° High Density Symmetrical lens *(20H)* 20° Low Density Symmetrical lens *(20L)* 35° High Density Symmetrical lens *(35H)* 35° Low Density Symmetrical lens *(35L)* 60° High Density Symmetrical lens *(60H)* 60° Low Density Symmetrical lens *(60L)*	70W / 53x53cm *(70W53x53)* 91W / 53x78cm *(91W53x78)* 112W / 53x103cm *(112W53x103)* 133W / 53x128cm *(133W53x128)* 112W / 78x78cm *(112W78x78)* 133W / 78x103cm *(133W78x103)* 154W / 78x128cm *(154W78x128)* 154W / 103x103cm *(154W103x103)* 175W / 103x128cm *(175W103x128)* 196W / 128x128cm *(196W128x128)*	24VDC *(24)*	***Wire Rope & p.s. cable lengths*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)*

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE Square/Rectangle *(LINILINE PDDIAG)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	***DIRECT LIGHTING*** / *(XX/XXX)* / ***INDIRECT LIGHTING*** ***DIRECT & INDIRECT beam angle options With LED strip (Nichia LEDs)*** Frosted Cover *(FRO)* Clear Cover *(CLE)* Milky Cover *(MIL)* ***DIRECT only beam angle options With LED modules (CREE LEDs)*** 20° High Density Symmetrical lens *(20H)* 20° Low Density Symmetrical lens *(20L)* 35° High Density Symmetrical lens *(35H)* 35° Low Density Symmetrical lens *(35L)* 60° High Density Symmetrical lens *(60H)* 60° Low Density Symmetrical lens *(60L)*	70W / 53x53cm *(70W53x53)* 91W / 53x78cm *(91W53x78)* 112W / 53x103cm *(112W53x103)* 133W / 53x128cm *(133W53x128)* 112W / 78x78cm *(112W78x78)* 133W / 78x103cm *(133W78x103)* 154W / 78x128cm *(154W78x128)* 154W / 103x103cm *(154W103x103)* 175W / 103x128cm *(175W103x128)* 196W / 128x128cm *(196W128x128)*	24VDC *(24)*	***Wire Rope & p.s. cable lengths*** 1,5m / p.s. cable *(0)* 3m / p.s. cable *(1)*

* Tunable white, RGB and RGBW models are available upon request (for direct and /or indirect lighting).
* For all Symetrical and Oval lenses, 2000K and 2500K are NOT available.
** Available in custom lenghts, luminaire colours and power upon request.
*** The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density Lenses. To find the power of models with high density lenses use the formula **{(Power+14)x1.453}-14**
For example: The power of 78x103 model with high desnsity lenses is {(133+14)x1.453}-14≈199.5W

Ordering Code Example: *LINILINE PDDI-AN-3080-60HMIL-175W103x128-24-1*

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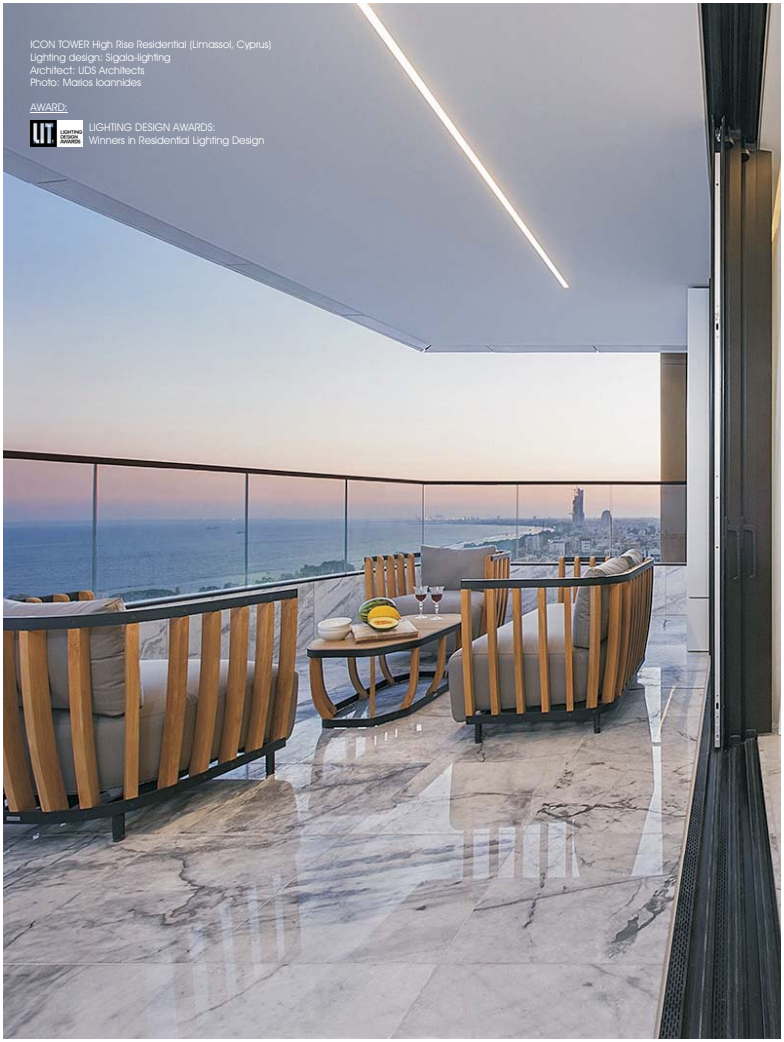
ICON TOWER High Rise Residential (Limassol, Cyprus)
Lighting design: Sigala-lighting
Architect: UDS Architects
Photo: Marios Ioannides

AWARD:

LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design



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OUTLINER 50

Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismaatic cover.
It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths.
The series offers an excellent uniformity with colour consistency.

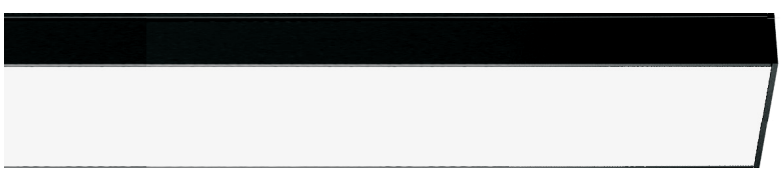
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*



Seamless

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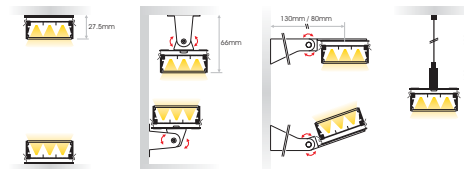
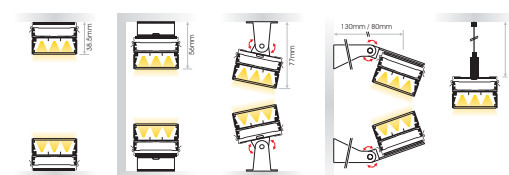
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.020
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.020
ANTISLIPPER
for vertical installation
(as extra)

PRH.030
COUPLER accessory
(as extra)

Connectors

Input cable with IP connectors supplied as extra

In-Out cables & waterproof connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

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STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

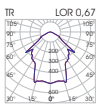
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 50 FIXED *(OUTLINER50-F)*	Anodized *(AN)*	2000K *(20)*	> 80 *(80)*	31.5W / 53cm *(32W053)*	Transparent *(TR)*	24VDC *(24)*
OUTLINER 50 SURFACE *(OUTLINER50-S)*	White *(WH)*	2500K *(25)*		52.5W / 86.3cm *(53W086)*	Milky Satin *(MS)*	
OUTLINER 50 SHORT BRACKET 8cm *(OUTLINER50-B1)*	Black *(BL)*	2700K *(27)*		63W / 103cm *(63W103)*	Microprismatic *(MP)*	
OUTLINER 50 LONG BRACKET 13cm *(OUTLINER50-B2)*		3000K *(30)*		73.5W / 119.7cm *(74W120)*		
OUTLINER 50 PENDANT *(OUTLINER50 P1)* ***H:150cm*** *(OUTLINER50 P2)* ***H:300cm***		4000K *(40)*		94.5W / 153cm *(95W153)*		
		5700K *(57)*		126W / 203cm *(126W203)*		
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		40.5W / 53cm *(41W053)*		
				69.3W / 88.7cm *(69W089)*		
				81W / 103cm *(81W103)*		
				98.4W / 124.4cm *(98W124)*		
				121.5W / 153cm *(122W153)*		
				162W / 203cm *(162W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		29.1W / 53cm *(29W053)*		
				46.8W / 83cm *(47W083)*		
				58.5W / 103cm *(59W103)*		
				70.2W / 123cm *(70W123)*		
				87.6W / 153cm *(88W153)*		
				117W / 203cm *(117W203)*		
		RGB *(RGB96)* 96LED/m		34.5W / 53cm *(35W053)*		
				60.3W / 90.5cm *(60W091)*		
				69W / 103cm *(69W103)*		
				81.9W / 121.7cm *(82W122)*		
				103.5W / 153cm *(104W153)*		
				138W / 203cm *(138W203)*		
		RGB *(RGB60)* 60LED/m**		21.6W / 53cm *(22W053)*		
				34.8W / 83cm *(35W083)*		
				43.5W / 103cm *(44W103)*		
				52.2W / 123cm *(52W123)*		
				65.1W / 153cm *(65W153)*		
				87W / 203cm *(87W203)*		
		RGB *(RGB30)* 30LED/m**		10.8W / 53cm *(11W053)*		12VDC *(12)*
				17.1W / 83cm *(17W083)*		
				21.6W / 103cm *(22W103)*		
				25.8W / 123cm *(26W123)*		
				32.4W / 153cm *(32W153)*		
				43.2W / 203cm *(43W203)*		

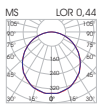
* Available in other colours on/and power upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER50-F-AN-RGB60-52W123-MP-24*

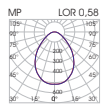
TR LOR 0,67



MS LOR 0,44



MP LOR 0,58



SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

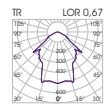
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 50 SEAMLESS FIXED *(OUTLINER50-SF)*	Anodized *(AN)*	2000K *(20)*	> 80 *(80)*	31.5W / 50,3cm *(32W050)*	Transparent *(TR)*	24VDC *(24)*
OUTLINER 50 SEAMLESS FIXED ELEVATED *(OUTLINER50-SFE)*	White *(WH)*	2500K *(25)*		52.5W / 83,7cm *(53W084)*	Milky Satin *(MS)*	
OUTLINER 50 SEAMLESS SURFACE *(OUTLINER50-SS)*	Black *(BL)*	2700K *(27)*		63W / 100,3cm *(63W100)*	Microprismatic *(MP)*	
OUTLINER 50 SEAMLESS SHORT BRACKET 6.5cm *(OUTLINER50-SB1)*		3000K *(30)*		73.5W / 117cm *(74W117)*		
OUTLINER 50 SEAMLESS LONG BRACKET 11.5cm *(OUTLINER50-SB2)*		4000K *(40)*		94.5W / 150,3cm *(95W150)*		
OUTLINER 50 SEAMLESS PENDANT *(OUTLINER50-SP1)* ***H:150cm*** *(OUTLINER50-SP2)* ***H:300cm***		5700K *(57)*		126W / 200,3cm *(126W200)*		
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length****		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		40.5W / 50,3cm *(41W050)*		
				69.3W / 86cm *(69W086)*		
				81W / 100,3cm *(81W100)*		
				98.4W / 121,7cm *(98W122)*		
				121.5W / 150,3cm *(122W150)*		
				162W / 200,3cm *(162W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		29.1W / 50,3cm *(29W050)*		
				46.8W / 80,3cm *(47W080)*		
				58.5W / 100,3cm *(59W100)*		
				70.2W / 120,3cm *(70W120)*		
				87.6W / 150,3cm *(88W150)*		
				117W / 200,3cm *(117W200)*		
		RGB *(RGB96)* 96LED/m		34.5W / 50,3cm *(35W050)*		
				60.3W / 87,8cm *(60W088)*		
				69W / 100,3cm *(69W100)*		
				81.9W / 119cm *(82W119)*		
				103.5W / 150,3cm *(104W150)*		
				138W / 200,3cm *(138W200)*		
		RGB *(RGB60)* 60LED/m***		21.6W / 50,3cm *(22W050)*		
				34.8W / 80,3cm *(35W080)*		
				43.5W / 100,3cm *(44W100)*		
				52.2W / 120,3cm *(52W120)*		
				65.1W / 150,3cm *(65W150)*		
				87W / 200,3cm *(87W200)*		
		RGB *(RGB30)* 30LED/m***		10.8W / 50,3cm *(11W050)*		12VDC *(12)*
				17.1W / 80,3cm *(17W080)*		
				21.6W / 100,3cm *(22W100)*		
				25.8W / 120,3cm *(26W120)*		
				32.4W / 150,3cm *(32W150)*		
				43.2W / 200,3cm *(43W200)*		

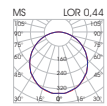
* Available in other colours on/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER50-SS-AN-RGB96-60W088-MS-24*

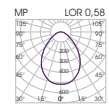
TR LOR 0,67



MS LOR 0,44



MP LOR 0,58



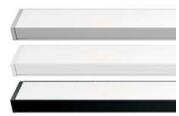
OUTLINER 40

Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismaatic cover.
It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths.
The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models



Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless

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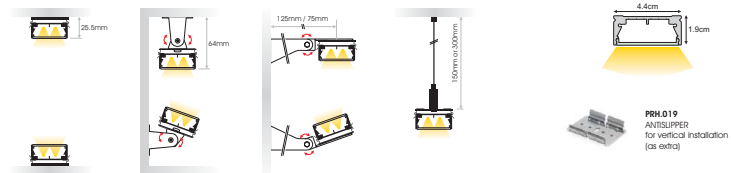
ELECTRON

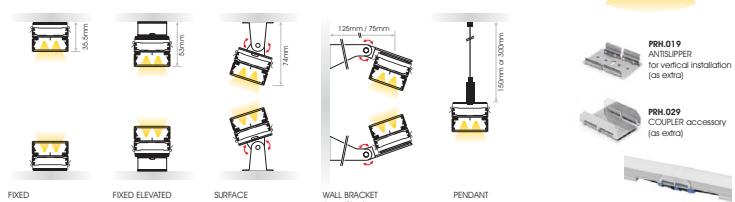
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.019
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.019
ANTISLIPPER
for vertical installation
(as extra)

PRH.029
COUPLER accessory
(as extra)

Connectors

Input cable with IP connectors
supplied as extra

In-Out cables & waterproof connectors
supplied as extra.

Supply connectors for a luminaire array
(as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

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STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

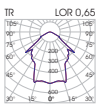
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 40 FIXED *(OUTLINER40-F)* **OUTLINER 40 SURFACE** *(OUTLINER40-S)* **OUTLINER 40 SHORT BRACKET 7.5cm** *(OUTLINER40-B1)* **OUTLINER 40 LONG BRACKET 12.5cm** *(OUTLINER40-B2)* **OUTLINER 40 PENDANT** *(OUTLINER40 P1)* ***H:150cm*** *(OUTLINER40 P2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	21W / 53cm *(21W053)* 35W / 86.3cm *(35W086)* 42W / 103cm *(42W103)* 49W / 119.7cm *(49W120)* 63W / 153cm *(63W153)* 84W / 203cm *(84W203)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		Watt / Length		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 53cm *(27W053)* 46.2W / 88.7cm *(46W089)* 54W / 103cm *(54W103)* 65.6W / 124.4cm *(66W124)* 81W / 153cm *(81W153)* 108W / 203cm		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		19.4W / 53cm *(19W053)* 31.2W / 83cm *(31W083)* 39W / 103cm *(39W103)* 46.8W / 123cm *(47W123)* 58.4W / 153cm *(58W153)* 78W / 203cm *(78W203)*		
		RGB *(RGB96)* 96LED/m		23W / 53cm *(23W053)* 40.2W / 90.5cm *(40W091)* 46W / 103cm *(46W103)* 54.6W / 121.7cm *(55W122)* 69W / 153cm *(69W153)* 92W / 203cm *(92W203)*		
		RGB *(RGB60)* 60LED/m**		14.4W / 53cm *(14W053)* 23.2W / 83cm *(23W083)* 29W / 103cm *(29W103)* 34.8W / 123cm *(35W123)* 43.4W / 153cm *(43W153)* 58W / 203cm *(58W203)*		
		RGB *(RGB30)* 30LED/m**		7.2W / 53cm *(07W053)* 11.4W / 83cm *(11W083)* 14.4W / 103cm *(14W103)* 17.2W / 123cm *(17W123)* 21.6W / 153cm *(22W153)* 28.8W / 203cm *(29W203)*		12VDC *(12)*

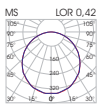
* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER40-F-AN-RGB60-35W123-MP-24*

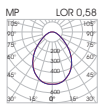
TR LOR 0,65



MS LOR 0,42



MP LOR 0,58



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ELECTRON

SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

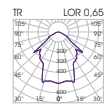
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 40 SEAMLESS FIXED *(OUTLINER40-SF)* **OUTLINER 40 SEAMLESS FIXED ELEVATED** *(OUTLINER40-SFE)* **OUTLINER 40 SEAMLESS SURFACE** *(OUTLINER40-SS)* **OUTLINER 40 SEAMLESS SHORT BRACKET 7.5cm** *(OUTLINER40-SB1)* **OUTLINER 40 SEAMLESS LONG BRACKET 12.5cm** *(OUTLINER40-SB2)* **OUTLINER 40 SEAMLESS PENDANT** *(OUTLINER40-SP1)* ***H:150cm*** *(OUTLINER40-SP2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	⩾80 *(80)*	21W / 50,3cm *(21W050)* 35W / 83,7cm *(35W084)* 42W / 100,3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150,3cm *(63W150)* 84W / 200,3cm *(84W200)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		Watt* / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 50,3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100,3cm *(54W100)* 65.6W / 121,7cm *(66W122)* 81W / 150,3cm *(81W150)* 108W / 200,3cm *(108W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		19.4W / 50,3cm *(19W050)* 31.2W / 80,3cm *(31W080)* 39W / 100,3cm *(39W100)* 46.8W / 120,3cm *(47W120)* 58.4W / 150,3cm *(58W150)* 78W / 200,3cm *(78W200)*		
		RGB *(RGB96)* 96LED/m		23W / 50,3cm *(23W050)* 40.2W / 87,8cm *(40W088)* 46W / 100,3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150,3cm *(69W150)* 92W / 200,3cm *(92W200)*		
		RGB *(RGB60)* 60LED/m***		14.4W / 50,3cm *(14W050)* 23.2W / 80,3cm *(23W080)* 29W / 100,3cm *(29W100)* 34.8W / 120,3cm *(35W120)* 43.4W / 150,3cm *(43W150)* 58W / 200,3cm *(58W200)*		
		RGB *(RGB30)* 30LED/m***		7.2W / 50,3cm *(07W050)* 11.4W / 80,3cm *(11W080)* 14.4W / 100,3cm *(14W100)* 17.2W / 120,3cm *(17W120)* 21.6W / 150,3cm *(22W150)* 28.8W / 200,3cm *(29W200)*		12VDC *(12)*

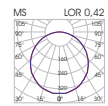
* Available in other colours or/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER40-SS-AN-RGB60-58W200-MS-24*

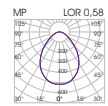
TR LOR 0,65



MS LOR 0,42



MP LOR 0,58



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OUTLINER 40 RC
(Recessed)

Interior Linear

Outliner Recessed series is a custom made linear luminaires series with Transparent, Milky Satin or Microprismatic cover. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

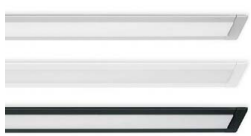
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

L90/B10 50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless



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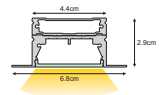
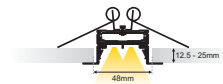
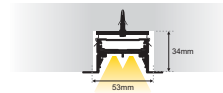
STANDARD

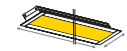




Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
68 x 55,6/88,9/105,6/122,3/155,6/205,6cm
Cutting hole:
48 x 53,6/86,9/103,6/120,3/153,6/203,6cm

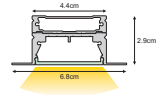
for RGBWW-RGBCW 84LED/m:
68 x 55,6/91,3/105,6/127/155,6/205,6cm
Cutting hole:
48 x 53,6/89,3/103,6/125/153,6/203,6cm

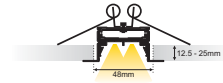
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 55,6/85,6/105,6/125,6/155,6/205,6cm
Cutting hole:
48 x 53,6/83,6/103,6/123,6/153,6/203,6cm

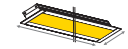
for RGB 96LED/m:
68 x 55,6/93,1/105,6/124,3/155,6/205,6cm
Cutting hole:
48 x 53,6/91,1/103,6/122,3/153,6/203,6cm

Note:
Cutting hole must be 20mm than the luminaire lenght.

SEAMLESS







Dimensions:

for Monochromatic, Tunable White:
68 x 53.3/86.7/103.3/120/153.3/203.3cm
Cutting hole:
48 x 51.3/84.7/101.3/118/151.3/201.3cm

for RGBWW-RGBCW 84LED/m:
68 x 53.3/89/103.3/124.7/153.3/203.3cm
Cutting hole:
48 x 51.3/87/101.3/122.7/151.3/201.3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
68 x 53.3/83.3/103.3/123.3/153.3/203.3cm
Cutting hole:
48 x 51.3/81.3/101.3/121.3/151.3/201.3cm

for RGB 96LED/m:
68 x 53.3/90.8/103.3/122/153.3/203.3cm
Cutting hole:
48 x 51.3/88.8/101.3/120/151.3/201.3cm

Note:
Cutting hole must be 20mm shorter than the luminaire lenght.

Connectors

Input cable with IP connectors supplied as extra.

In-Out cables & waterproof connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 40 Recessed *(OUTLINER 40 RC)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	21W / 55.6cm *(21W056)* 35W / 88.9cm *(35W089)* 42W /105.6cm *(42W106)* 49W /122.3cm *(49W122)* 63W /155.6cm *(63W156)* 84W /205.6cm *(84W206)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

TUNABLE WHITE

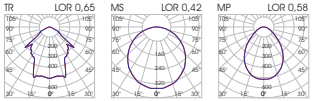
Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	> 80 *(80)*	20W / 55.6cm *(20W056)* 33.3W / 88.9cm *(33W089)* 40W /105.6cm *(40W106)* 46.7W /122.3cm *(47W122)* 60W /155.6cm *(60W156)* 80W /205.6cm *(80W206)*

RGBWW / RGBCW / RGB

Colour	Watt / Length***
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m	27W / 55.6cm *(27W056)* 46.2W / 91.3cm *(46W091)* 54W /105.6cm *(54W106)* 65.6W / 127cm *(66W127)* 81W /155.6cm *(81W156)* 108W /205.6cm *(108W206)*
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**	19.4W / 55.6cm *(19W056)* 31.2W / 85.6cm *(31W086)* 39W /105.6cm *(39W106)* 46.8W /125.6cm *(47W126)* 58.4W /155.6cm *(58W156)* 78W /205.6cm *(78W206)*
RGB *(RGB96)* 96LED/m	23W / 55.6cm *(23W056)* 40.2W / 93.1cm *(40W093)* 46W /105.6cm *(46W106)* 54.6W /124.3cm *(55W124)* 69W /155.6cm *(69W156)* 92W /205.6cm *(92W206)*
RGB *(RGB60)* 60LED/m**	14.4W / 55.6cm *(14W056)* 23.2W / 85.6cm *(23W086)* 29W /105.6cm *(29W106)* 34.8W /125.6cm *(35W126)* 43.4W /155.6cm *(43W156)* 58W /205.6cm *(58W206)*
RGB *(RGB30)* 30LED/m**	7.2W / 55.6cm *(07W056)* 11.4W / 85.6cm *(11W086)* 14.4W /105.6cm *(14W106)* 17.2W /125.6cm *(17W126)* 21.6W /155.6cm *(22W156)* 28.8W /205.6cm *(29W206)*

12VDC *(12)*

* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.



Ordering Code Example: *OUTLINER 40RC-AN-RGB60-35W126-MS-24*

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SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 40 Recessed SEAMLESS *(OUTLINER 40 RCS)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	21W / 50.3cm *(21W050)* 35W / 83.7cm *(35W084)* 42W / 100.3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150.3cm *(63W150)* 84W / 200.3cm *(84W200)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

TUNABLE WHITE

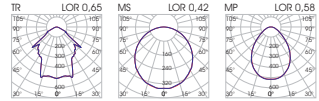
Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	> 80 *(80)*	20W / 50.3cm *(20W050)* 33.3W / 83.7cm *(33W084)* 40W / 100.3cm *(40W100)* 46.7W / 117cm *(47W117)* 60W / 150.3cm *(60W150)* 80W / 200.3cm *(80W200)*

RGBWW / RGBCW / RGB

Colour	Watt / Length***
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m	27W / 50.3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100.3cm *(54W100)* 65.6W / 121.7cm *(66W122)* 81W / 150.3cm *(81W150)* 108W / 200.3cm *(108W200)*
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**	19.4W / 50.3cm *(19W050)* 31.2W / 80.3cm *(31W080)* 39W / 100.3cm *(39W100)* 46.8W / 120.3cm *(47W120)* 58.4W / 150.3cm *(58W150)* 78W / 200.3cm *(78W200)*
RGB *(RGB96)* 96LED/m	23W / 50.3cm *(23W050)* 40.2W / 87.8cm *(40W088)* 46W / 100.3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150.3cm *(69W150)* 92W / 200.3cm *(92W200)*
RGB *(RGB60)* 60LED/m**	14.4W / 50.3cm *(14W050)* 23.2W / 80.3cm *(23W080)* 29W / 100.3cm *(29W100)* 34.8W / 120.3cm *(35W120)* 43.4W / 150.3cm *(43W150)* 58W / 200.3cm *(58W200)*
RGB *(RGB30)* 30LED/m**	7.2W / 50.3cm *(07W050)* 11.4W / 80.3cm *(11W080)* 14.4W / 100.3cm *(14W100)* 17.2W / 120.3cm *(17W120)* 21.6W / 150.3cm *(22W150)* 28.8W / 200.3cm *(29W200)*

12VDC *(12)*

* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.



Ordering Code Example: *OUTLINER 40RCS-AN-RGB60-35W120-MP-24*

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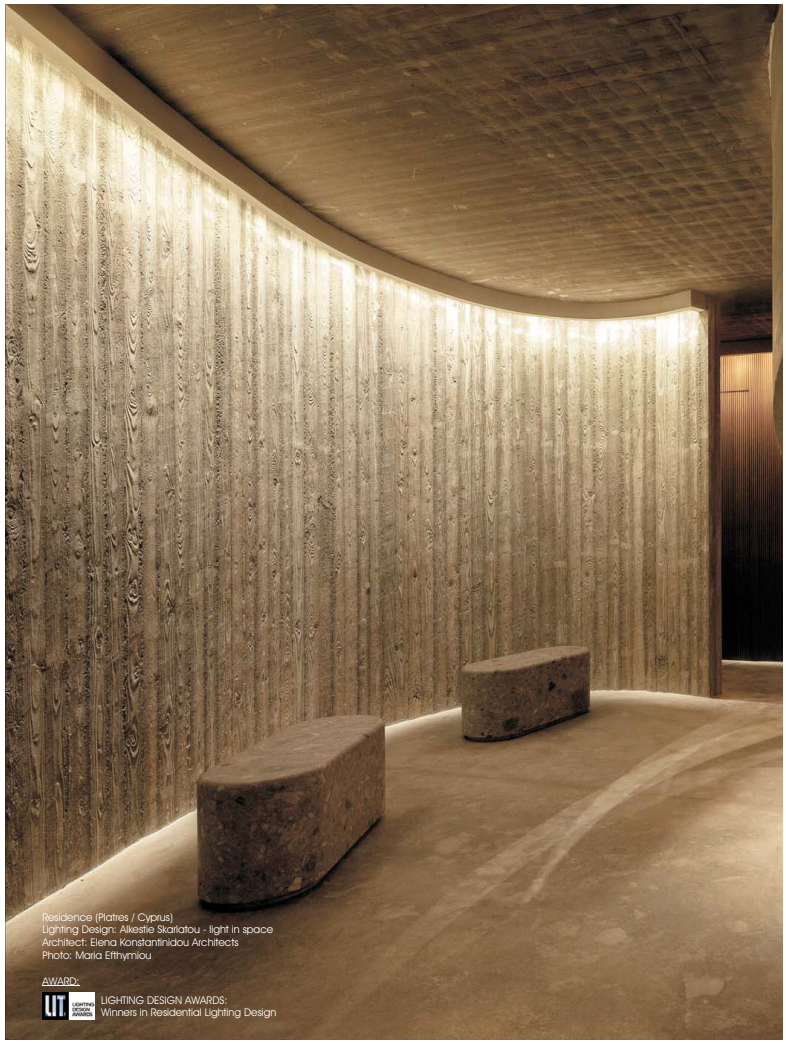
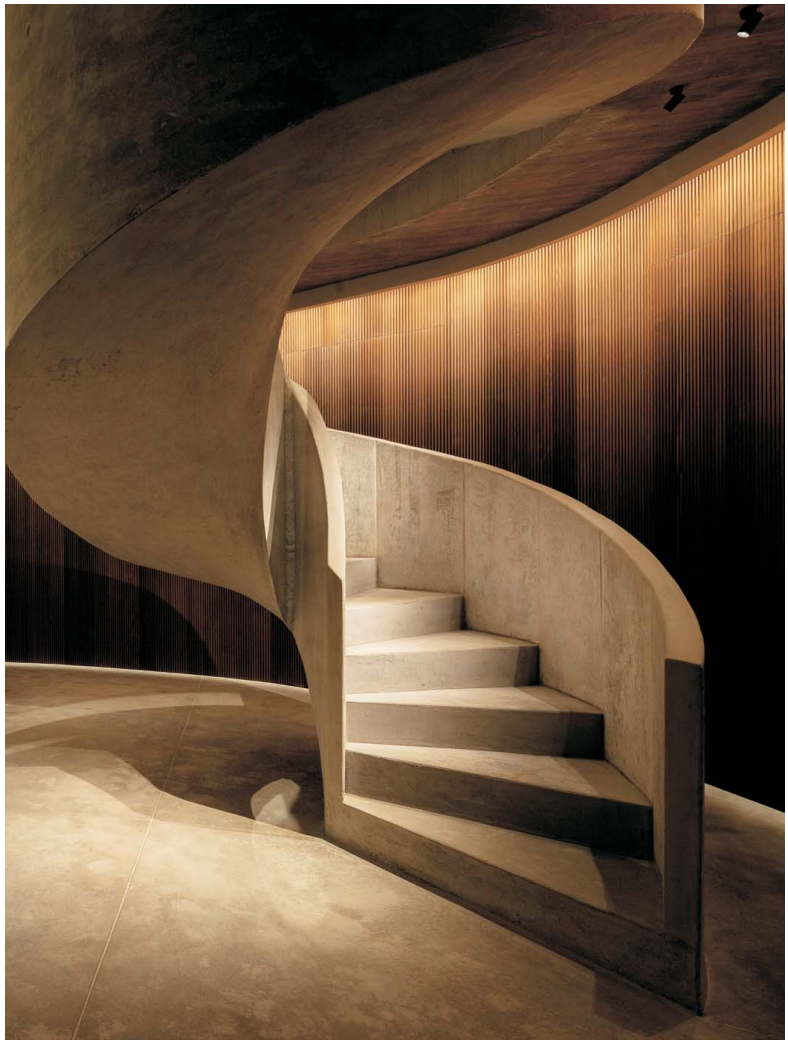


Residence (Platres / Cyprus)
Lighting Design: Alkestis Skarlatou - light in space
Architect: Elena Konstantinidou Architects
Photo: Maria Efthymiou

AWARD:

LIT LIGHTING DESIGN AWARDS
LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design



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OUTLINER 30

Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismaatic cover.
It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths.
The series offers an excellent uniformity with colour consistency.

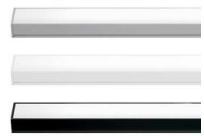
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

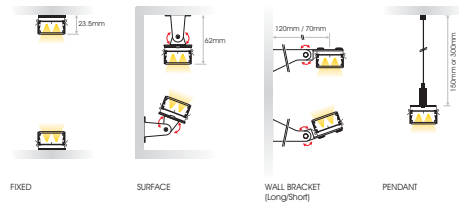
✓ *Custom dimensions*
✓ *Custom luminaire colours*



Seamless

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

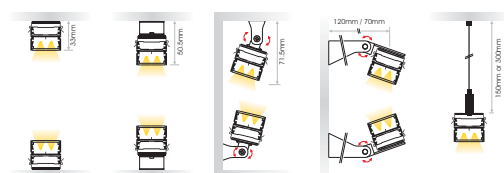
STANDARD



FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.018
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

PRH.018
ANTISLIPPER
for vertical installation
(as extra)

PRH.028
COUPLER accessory
(as extra)

Connectors

Input cable with IP connectors
supplied as extra

In-Out cables & waterproof connectors
supplied as extra.

Supply connectors for a luminaire array
(as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

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STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

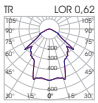
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 30 FIXED *(OUTLINER30-F)* **OUTLINER 30 SURFACE** *(OUTLINER30-S)* **OUTLINER 30 SHORT BRACKET 7cm** *(OUTLINER30-B1)* **OUTLINER 30 LONG BRACKET 12cm** *(OUTLINER30-B2)* **OUTLINER 30 PENDANT** *(OUTLINER30 P1)* ***H:150cm*** *(OUTLINER30 P2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	21W / 53cm *(21W053)* 35W / 86.3cm *(35W086)* 42W / 103cm *(42W103)* 49W / 119.7cm *(49W120)* 63W / 153cm *(63W153)* 84W / 203cm *(84W203)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 53cm *(27W053)* 46.2W / 88.7cm *(46W089)* 54W / 103cm *(54W103)* 65.6W / 124.4cm *(66W124)* 81W / 153cm *(81W153)* 108W / 203cm		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		19.4W / 53cm *(19W053)* 31.2W / 83cm *(31W083)* 39W / 103cm *(39W103)* 46.8W / 123cm *(47W123)* 58.4W / 153cm *(58W153)* 78W / 203cm *(78W203)*		
		RGB *(RGB96)* 96LED/m		23W / 53cm *(23W053)* 40.2W / 90.5cm *(40W091)* 46W / 103cm *(46W103)* 54.6W / 121.7cm *(55W122)* 69W / 153cm *(69W153)* 92W / 203cm *(92W203)*		
		RGB *(RGB60)* 60LED/m**		14.4W / 53cm *(14W053)* 23.2W / 83cm *(23W083)* 29W / 103cm *(29W103)* 34.8W / 123cm *(35W123)* 43.4W / 153cm *(43W153)* 58W / 203cm *(58W203)*		
		RGB *(RGB30)* 30LED/m**		7.2W / 53cm *(07W053)* 11.4W / 83cm *(11W083)* 14.4W / 103cm *(14W103)* 17.2W / 123cm *(17W123)* 21.6W / 153cm *(22W153)* 28.8W / 203cm *(29W203)*		12VDC *(12)*

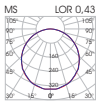
* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER30-F-AN-RGB60-35W123-MP-24*

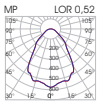
TR LOR 0,62



MS LOR 0,43



MP LOR 0,52



SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

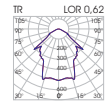
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 30 SEAMLESS FIXED *(OUTLINER30-SF)* **OUTLINER 30 SEAMLESS FIXED ELEVATED** *(OUTLINER30-SFE)* **OUTLINER 30 SEAMLESS SURFACE** *(OUTLINER30-SS)* **OUTLINER 30 SEAMLESS SHORT BRACKET 7.5cm** *(OUTLINER30-SB1)* **OUTLINER 30 SEAMLESS LONG BRACKET 12.5cm** *(OUTLINER30-SB2)* **OUTLINER 30 SEAMLESS PENDANT** *(OUTLINER30-SP1)* ***H:150cm*** *(OUTLINER30-SP2)* ***H:300cm***	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	21W / 50,3cm *(21W050)* 35W / 83,7cm *(35W084)* 42W / 100,3cm *(42W100)* 49W / 117cm *(49W117)* 63W / 150,3cm *(63W150)* 84W / 200,3cm *(84W200)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length****		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		27W / 50,3cm *(27W050)* 46.2W / 86cm *(46W086)* 54W / 100,3cm *(54W100)* 65.6W / 121,7cm *(66W122)* 81W / 150,3cm *(81W150)* 108W / 200,3cm *(108W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		19.4W / 50,3cm *(19W050)* 31.2W / 80,3cm *(31W080)* 39W / 100,3cm *(39W100)* 46.8W / 120,3cm *(47W120)* 58.4W / 150,3cm *(58W150)* 78W / 200,3cm *(78W200)*		
		RGB *(RGB96)* 96LED/m		23W / 50,3cm *(23W050)* 40.2W / 87,8cm *(40W088)* 46W / 100,3cm *(46W100)* 54.6W / 119cm *(55W119)* 69W / 150,3cm *(69W150)* 92W / 200,3cm *(92W200)*		
		RGB *(RGB60)* 60LED/m***		14.4W / 50,3cm *(14W050)* 23.2W / 80,3cm *(23W080)* 29W / 100,3cm *(29W100)* 34.8W / 120,3cm *(35W120)* 43.4W / 150,3cm *(43W150)* 58W / 200,3cm *(58W200)*		
		RGB *(RGB30)* 30LED/m***		7.2W / 50,3cm *(07W050)* 11.4W / 80,3cm *(11W080)* 14.4W / 100,3cm *(14W100)* 17.2W / 120,3cm *(17W120)* 21.6W / 150,3cm *(22W150)* 28.8W / 200,3cm *(29W200)*		12VDC *(12)*

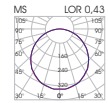
* Available in other colours or/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER30-40SS-AN-RGB60-35W120-MS-24*

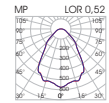
TR LOR 0,62



MS LOR 0,43



MP LOR 0,52



OUTLINER 20

Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismaatic cover.
It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths.
The series offers an excellent uniformity with colour consistency.

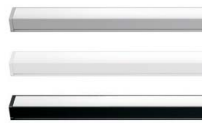
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L90/B10 >50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*



Seamless

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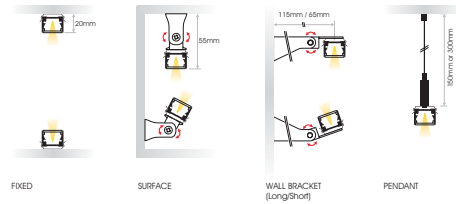
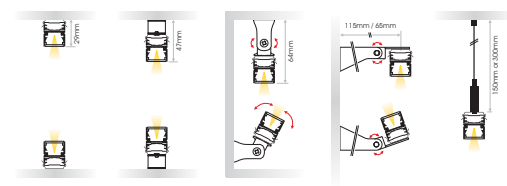


FIXED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

ELA.008
ANTISLIPPER
for vertical installation
(as extra)

SEAMLESS



FIXED | FIXED ELEVATED | SURFACE | WALL BRACKET (Long/Short) | PENDANT

ELA.008
ANTISLIPPER
for vertical installation
(as extra)

PRH.027
COUPLER accessory
(as extra)

Connectors

Input cable with IP connectors
supplied as extra

In-Out cables & waterproof connectors
supplied as extra.

Supply connectors for a luminaire array
(as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

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LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
OUTLINER 20 FIXED *(OUTLINER20-F)*	Anodized *(AN)*	2000K *(20)*	> 80 *(80)*	10.5W / 53cm *(11W053)*	Transparent *(TR)*	24VDC *(24)*
OUTLINER 20 SURFACE *(OUTLINER20-S)*	White *(WH)*	2500K *(25)*		17.5W / 86.3cm *(18W086)*	Milky Satin *(MS)*	
OUTLINER 20 SHORT BRACKET 6.5cm *(OUTLINER20-B1)*	Black *(BL)*	2700K *(27)*		21W / 103cm *(21W103)*	Microprismatic *(MP)*	
OUTLINER 20 LONG BRACKET 11.5cm *(OUTLINER20-B2)*		3000K *(30)*		24.5W / 119.7cm *(25W120)*		
OUTLINER 20 PENDANT *(OUTLINER20 P1)* ***H:150cm*** *(OUTLINER20 P2)* ***H:300cm***		4000K *(40)*		31.5W / 153cm *(32W153)*		
		5700K *(57)*		42W / 203cm *(42W203)*		
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 53cm *(14W053)*		
				23.1W / 88.7cm *(23W089)*		
				27W / 103cm *(27W103)*		
				32.8W / 124.4cm *(33W124)*		
				40.5W / 153cm *(41W153)*		
				54W / 203cm *(54W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		9.7W / 53cm *(10W053)*		
				15.6W / 83cm *(16W083)*		
				19.5W / 103cm *(20W103)*		
				23.4W / 123cm *(23W123)*		
				29.2W / 153cm *(29W153)*		
				39W / 203cm *(39W203)*		
		RGB *(RGB96)* 96LED/m		11.5W / 53cm *(12W053)*		
				20.1W / 90.5cm *(20W091)*		
				23W / 103cm *(23W103)*		
				27.3W / 121.7cm *(27W122)*		
				34.5W / 153cm *(35W153)*		
				46W / 203cm *(46W203)*		
		RGB *(RGB60)* 60LED/m**		7.2W / 53cm *(07W053)*		
				11.6W / 83cm *(12W083)*		
				14.5W / 103cm *(15W103)*		
				17.4W / 123cm *(17W123)*		
				21.7W / 153cm *(22W153)*		
				29W / 203cm *(29W203)*		
		RGB *(RGB30)* 30LED/m**		3.6W / 53cm *(04W053)*		12VDC *(12)*
				5.7W / 83cm *(06W083)*		
				7.2W / 103cm *(07W103)*		
				8.6W / 123cm *(09W123)*		
				10.8W / 153cm *(11W153)*		
				14.4W / 203cm *(14W203)*		

* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER20 B2-AN-RGB60-17W123-MP-24*

TR LOR 0,60

MS LOR 0,43

MP LOR 0,49

SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

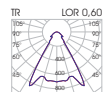
IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
OUTLINER 20 SEAMLESS FIXED *(OUTLINER20-SF)*	Anodized *(AN)*	2000K *(20)*	> 80 *(80)*	10.5W / 50,3cm *(11W050)*	Transparent *(TR)*	24VDC *(24)*
OUTLINER 20 SEAMLESS FIXED ELEVATED *(OUTLINER20-SFE)*	White *(WH)*	2500K *(25)*		17.5W / 83,7cm *(18W084)*	Milky Satin *(MS)*	
OUTLINER 20 SEAMLESS SURFACE *(OUTLINER20-SS)*	Black *(BL)*	2700K *(27)*		21W / 100,3cm *(21W100)*	Microprismatic *(MP)*	
OUTLINER 20 SEAMLESS SHORT BRACKET 6.5cm *(OUTLINER20-SB1)*		3000K *(30)*		24.5W / 117cm *(25W117)*		
OUTLINER 20 SEAMLESS LONG BRACKET 11.5cm *(OUTLINER20-SB2)*		4000K *(40)*		31.5W / 150,3cm *(32W150)*		
OUTLINER 20 SEAMLESS PENDANT *(OUTLINER20-SP1)* ***H:150cm*** *(OUTLINER20-SP2)* ***H:300cm***		5700K *(57)*		42W / 200,3cm *(42W200)*		
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length****		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 50,3cm *(14W050)*		
				23.1W / 86cm *(23W086)*		
				27W / 100,3cm *(27W100)*		
				32.8W / 121,7cm *(33W122)*		
				40.5W / 150,3cm *(41W150)*		
				54W / 200,3cm *(54W200)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m***		9.7W / 50,3cm *(10W050)*		
				15.6W / 80,3cm *(16W080)*		
				19.5W / 100,3cm *(20W100)*		
				23.4W / 120,3cm *(23W120)*		
				29.2W / 150,3cm *(29W150)*		
				39W / 200,3cm *(39W200)*		
		RGB *(RGB96)* 96LED/m		11.5W / 50,3cm *(12W050)*		
				20.1W / 87,8cm *(20W088)*		
				23W / 100,3cm *(23W100)*		
				27.3W / 119cm *(27W119)*		
				34.5W / 150,3cm *(35W150)*		
				46W / 200,3cm *(46W200)*		
		RGB *(RGB60)* 60LED/m***		7.2W / 50,3cm *(07W050)*		
				11.6W / 80,3cm *(12W080)*		
				14.5W / 100,3cm *(15W100)*		
				17.4W / 120,3cm *(17W120)*		
				21.7W / 150,3cm *(22W150)*		
				29W / 200,3cm *(29W200)*		
		RGB *(RGB30)* 30LED/m***		3.6W / 50,3cm *(04W050)*		12VDC *(12)*
				5.7W / 80,3cm *(06W080)*		
				7.2W / 100,3cm *(07W100)*		
				8.6W / 120,3cm *(09W120)*		
				10.8W / 150,3cm *(11W150)*		
				14.4W / 200,3cm *(14W200)*		

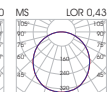
* Available in other colours or/and power upon request.
** Length without end caps for seamless installation (Add 2mm for each end cap)
***The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *OUTLINER20-SS-AN-RGB60-17W120-MP-24*

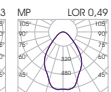
TR LOR 0,60



MS LOR 0,43



MP LOR 0,49



OUTLINER 20 RC
(Recessed)

Interior Linear

Outliner Recessed series is a custom made linear luminaires series with Transparent, Milky Satin or Microprismatic cover. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

L90/B10 50.000h
for monochromatic models

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*

Seamless

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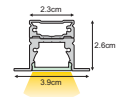
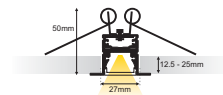
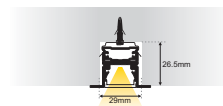
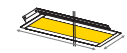




Standard installation



Optional installation upon request



Dimensions:

for Monochromatic, Tunable White:
39x54.6/87.9/ 104.6/121.3/154.6/204.6cm
Cutting Hole:
27x53.6/86.9/103.6/120.3/153.6/203.6cm

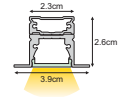
for RGBWW-RGBCW 84LED/m:
39x54.6/90.3/ 104.6/126/154.6/204.6cm
Cutting Hole:
27x53.6/89.3/103.6/125/153.6/203.6cm

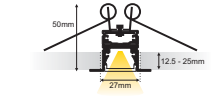
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39x54.6/84.6/ 104.6/124.6/154.6/204.6cm
Cutting Hole:
27x53.6/83.6/103.6/123.6/153.6/203.6cm

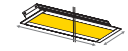
for RGB 96LED/m:
39x54.6/92.1/ 104.6/123.3/154.6/204.6cm
Cutting Hole:
27x53.6/81.1/103.6/122.3/153.6/203.6cm

Note:
Cutting hole must be 10mm shorter than the luminaire lenght.

SEAMLESS







Dimensions:

for Monochromatic, Tunable White:
39x52.3/88.7/ 102.3/119/152.3/202.3cm
Cutting Hole:
27x51.3/87.7/101.3/118/151.3/201.3cm

for RGBWW-RGBCW 84LED/m:
39x52.3/88/102.3/123.7/152.3/202.3cm
Cutting Hole:
27x51.3/87/101.3/122.7/151.3/201.3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
39x52.3/82.3/102.3/122.3/152.3/202.3cm
Cutting Hole:
27x51.3/81.3/101.3/121.3/151.3/201.3cm

for RGB 96LED/m:
39x52.3/89.8/102.3/121/152.3/202.3cm
Cutting Hole:
27x51.3/88.8/101.3/120/151.3/201.3cm

Note:
Cutting hole must be 10mm shorter than the luminaire lenght.

Connectors

Input cable with IP connectors supplied as extra.

In-Out cables & waterproof connectors supplied as extra.

Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)
CNC.013 4 pole connector (RGB)
CNC.053 5 pole connector (RGBW)

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STANDARD

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 20 Recessed *(OUTLINER 20 RC)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	10.5W / 54.6cm *(11W055)* 17.5W / 87.9cm *(18W088)* 21W /104.6cm *(21W105)* 24.5W /121.3cm *(25W121)* 31.5W /154.6cm *(32W155)* 42W /204.6cm *(42W205)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	≥80 *(80)*	10W / 54.6cm *(10W055)* 16.7W / 87.9cm *(17W088)* 20W /104.6cm *(20W105)* 23.4W /121.3cm *(23W121)* 30W /154.6cm *(30W155)* 40W /204.6cm *(40W205)*

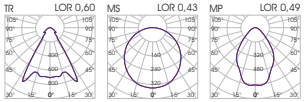
RGBWW / RGBCW / RGB

Colour	Watt / Length***
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m	13.5W / 54.6cm *(14W055)* 23.1W / 90.3cm *(23W090)* 27W /104.6cm *(27W105)* 32.8W / 126cm *(33W126)* 40.5W /154.6cm *(41W155)* 54W /204.6cm *(54W205)*
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**	9.7W / 54.6cm *(10W055)* 15.6W / 84.6cm *(16W085)* 19.5W /104.6cm *(20W105)* 23.4W /124.6cm *(23W125)* 29.2W /154.6cm *(29W155)* 39W /204.6cm *(39W205)*
RGB *(RGB96)* 96LED/m	11.5W / 54.6cm *(12W055)* 20.1W / 92.1cm *(20W092)* 23W /104.6cm *(23W105)* 27.3W /123.3cm *(27W123)* 34.5W /154.6cm *(35W155)* 46W /204.6cm *(46W205)*
RGB *(RGB60)* 60LED/m**	7.2W / 54.6cm *(07W055)* 11.6W / 84.6cm *(12W085)* 14.5W /104.6cm *(15W105)* 17.4W /124.6cm *(17W125)* 21.7W /154.6cm *(22W155)* 29W /204.6cm *(29W205)*
RGB *(RGB30)* 30LED/m**	3.6W / 54.6cm *(04W055)* 5.7W / 84.6cm *(06W085)* 7.2W /104.6cm *(07W105)* 8.6W /124.6cm *(09W125)* 10.8W /154.6cm *(11W155)* 14.4W /204.6cm *(14W205)*

12VDC *(12)*

* Available in other colours upon request
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

TR LOR 0,60 MS LOR 0,43 MP LOR 0,49



Ordering Code Example: *OUTLINER 20RC-AN-RGB60-17W125-MP-24*

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ELECTRON

SEAMLESS

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage
OUTLINER 20 Recessed SEAMLESS *(OUTLINER 20 RCS)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	≥80 *(80)*	10.5W / 50.3cm *(11W050)* 17.5W / 83.7cm *(18W084)* 21W /100.3cm *(21W100)* 24.5W / 117cm *(25W117)* 31.5W /150.3cm *(32W150)* 42W /200.3cm *(42W200)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*

TUNABLE WHITE

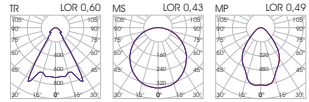
Colour Temperature	CRI	Watt / Length***
Tunable White 2700K~5700K *(TW)*	≥80 *(80)*	10W / 50.3cm *(10W050)* 16.7W / 83.7cm *(17W084)* 20W /100.3cm *(20W100)* 23.4W / 117cm *(23W117)* 30W /150.3cm *(30W150)* 40W /200.3cm *(40W200)*

RGBWW / RGBCW / RGB

Colour	Watt / Length***
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m	13.5W / 50.3cm *(14W050)* 23.1W / 86cm *(23W086)* 27W /100.3cm *(27W100)* 32.8W /121.7cm *(33W122)* 40.5W /150.3cm *(41W150)* 54W /200.3cm *(54W200)*
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**	9.7W / 50.3cm *(10W050)* 15.6W / 80.3cm *(16W080)* 19.5W /100.3cm *(20W100)* 23.4W /120.3cm *(23W120)* 29.2W /150.3cm *(29W150)* 39W /200.3cm *(39W200)*
RGB *(RGB96)* 96LED/m	11.5W / 50.3cm *(12W050)* 20.1W / 87.8cm *(20W088)* 23W /100.3cm *(23W100)* 27.3W / 119cm *(27W119)* 34.5W /150.3cm *(35W150)* 46W /200.3cm *(46W200)*
RGB *(RGB60)* 60LED/m**	7.2W / 50.3cm *(07W050)* 11.6W / 80.3cm *(12W080)* 14.5W /100.3cm *(15W100)* 17.4W /120.3cm *(17W120)* 21.7W /150.3cm *(22W150)* 29W /200.3cm *(29W200)*
RGB *(RGB30)* 30LED/m**	3.6W / 50.3cm *(04W050)* 5.7W / 80.3cm *(06W080)* 7.2W /100.3cm *(07W100)* 8.6W /120.3cm *(09W120)* 10.8W /150.3cm *(11W150)* 14.4W /200.3cm *(14W200)*	12VDC *(12)*

* Available in other colours upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.
*** Length without end caps for seamless installation (Add 10mm for each end cap).

TR LOR 0,60 MS LOR 0,43 MP LOR 0,49



Ordering Code Example: *OUTLINER 20RCS-AN-RGB60-17W120-MP-24*

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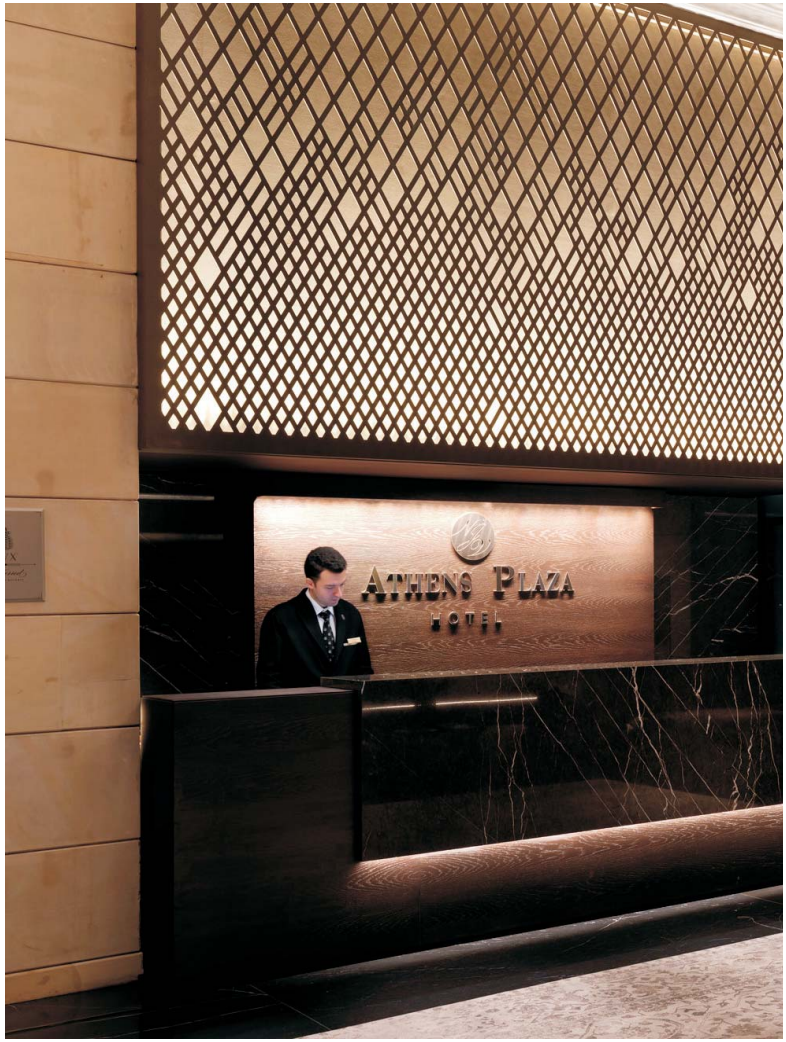

Athens Plaza, Greece
Lighting Design: CPLD

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TETRA HV Series

Interior Linear

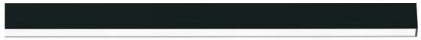
- TETRA HV linear interior luminaires are available either for surface or pendant installation.
- Selection of dimming options available: Non dimmable/ Analogue 1-10V/ DALI/ Wireless.
- It is offered with Transparent, Milky Satin, or Microprismatic cover.
- Pendant option is available either with direct only lighting or with direct and indirect lighting.
- Emergency Function capability available on request (3 hours, with build-in rechargeable battery).
- L80/B10 50.000h
- 3 SDCM
- Ingress Protection: IP40

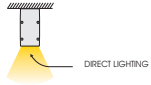
Available upon request:

✓ *Custom luminaire colours*

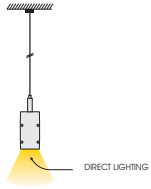
✓ *Emergency version*

TETRA HV **SF**
(Surface)

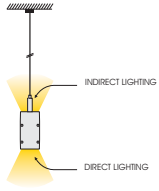




TETRA HV **PD**
(Pendant)



TETRA HV **PDDI**
(Pendant Direct/Indirect)



TRIDONIC

IP40

Model	Luminaire Colour	CCT	Watt / Length	2700K	3000K	4000K	Type	Voltage	Dimming Option	Extras
				LED Source	*LED Source*	*LED Source*				
TETRA HV Surface *(TETRA HV SF)*	Anodized *(AN)*	2700K *(27)*	15.8W / 57cm *(16W057)*	*2465lm*	*2575lm*	*2710lm*	Transparent *(TR)*	230VAC *(230)*	Non Dimmable *(ND)*	Standard *(0)*
			23.8W / 85cm *(24W085)*	*3700lm*	*3865lm*	*4070lm*			Analogue (1-10V) *(A1)*	
	White *(WH)*	3000K *(30)*	31.7W / 113cm *(32W113)*	*4935lm*	*5155lm*	*5425lm*	Milky Satin *(MS)*		DALI *(DL)*	Emergency function* *(1)*
TETRA HV Pendant *(TETRA HV PD)*			39.6W / 141cm *(40W141)*	*6170lm*	*6445lm*	*6780lm*			Wireless *(WL)*	
	Black *(BL)*	4000K *(40)*	47.5W / 169cm *(48W169)*	*7400lm*	*7730lm*	*8135lm*	Microprismatic *(MP)*			
			55.4W / 197cm *(55W197)*	*8635lm*	*9020lm*	*9495lm*				
			63.4W / 225cm *(63W225)*	*9870lm*	*10310lm*	*10850lm*				
			71.3W / 253cm *(71W253)*	*11100lm*	*11600lm*	*12205lm*				
			79.2W / 281cm *(79W281)*	*12340lm*	*12890lm*	*13560lm*				
				LED Source DIRECT INDIRECT	*LED Source DIRECT INDIRECT*	*LED Source DIRECT INDIRECT*				
TETRA HV PENDANT DIRECT/ INDIRECT *(TETRA HV PDDI)*			24.4W / 57cm *(24W057)*	*2465lm 695lm*	*2575lm 730lm*	*2710lm 765lm*	DIRECT LIGHTING (XXX/XXX) INDIRECT LIGHTING			EMERGENCY FUNCTION (YY) CONTROLS
			36.6W / 85cm *(37W085)*	*3700lm 1390lm*	*3865lm 1455lm*	*4070lm 1530lm*				
			48.8W / 113cm *(49W113)*	*4935lm 2085lm*	*5155lm 2185lm*	*5425lm 2295lm*	DIRECT LIGHTING Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*			EMERGENCY FUNCTION: Standard *(0)* Emergency function** *(1)*
			61W / 141cm *(61W141)*	*6170lm 2780lm*	*6445lm 2910lm*	*6780lm 3060lm*				
			73.1W / 169cm *(73W169)*	*7400lm 3475lm*	*7730lm 3640lm*	*8135lm 3825lm*				
			85.3W / 197cm *(85W197)*	*8635lm 4170lm*	*9020lm 4365lm*	*9495lm 4590lm*				
			92.6W / 225cm *(93W225)*	*9870lm 4865lm*	*10310lm 5095lm*	*10850lm 5355lm*	INDIRECT LIGHTING Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*			CONTROLS: *** Standard *(0)* Separated *(1)*
			104.7W / 253cm *(105W253)*	*11100lm 5560lm*	*11600lm 5820lm*	*12205lm 6120lm*				
			116.8W / 281cm *(117W281)*	*12340lm 6255lm*	*12890lm 6550lm*	*13560lm 6885lm*				

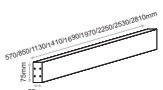
* Note for SF & PD:
All 57cm and 85cm DALI, Analog (1-10), Wireless models are not available with emergency function.

** Note for standard control:
All 57cm and 85cm models are not available with emergency function.

** Note for separated controls:
All 57cm, 85cm and 113cm models, are not available with emergency function.

*** Note: With control option you can choose one control (standard) for Direct & Indirect lighting or two controls (Separated) for independent control of Direct and Indirect lightings.

Ordering Code Example:
TETRA HV PDDI-AN-30-61W141-MSTR-230-ND-01



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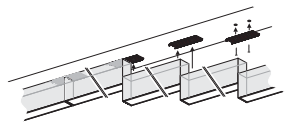
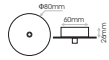
Accessories for Surface (SF)

PRH.103 Line alignment

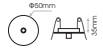


Accessories for Pendant (PD) & Pendant Direct/Indirect (PDDI)

Canopy Surface
PRH.039 White
PRH.082 Black
PRH.085 Light Grey

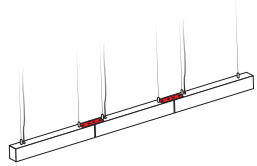


Canopy Recessed
PRH.040 White
PRH.083 Black
PRH.086 Light Grey



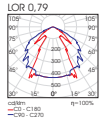
Canopy Trimless
PRH.041 White
PRH.084 Black
PRH.087 Light Grey

PRH.104 Line alignment

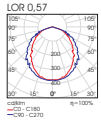


DIRECT LIGHTING

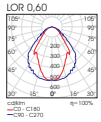
Transparent cover
LOR 0,79



Milky Satin cover
LOR 0,57

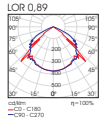


Microprismatic cover
LOR 0,60

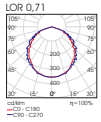


INDIRECT LIGHTING

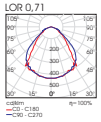
Transparent cover
LOR 0,89



Milky Satin cover
LOR 0,71



Microprismatic cover
LOR 0,71



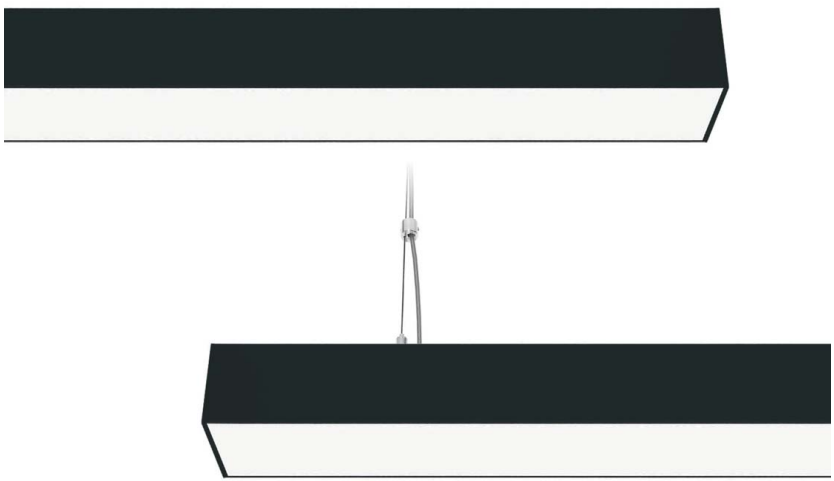
TETRA SLICK

- TETRA SLICK linear interior luminaire is available either for surface or pendant installation.
- It is offered with transparent or milky satin cover.
- 3 SDCM
- L90/B10 50.000h
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*



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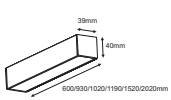
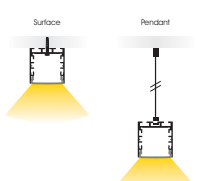
LIGHTSOURCE BY NICHIA

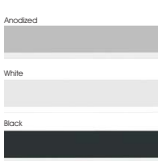
IP40

Model	Luminaire Colour	CCT	Watt / Length	CRI	Type	Voltage
TETRA SLICK Surface *(TETRA SLS)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	12.2W / 60cm *(12W060)* 24.5W / 60cm *(24W060)* 19.25W / 93cm *(19W093)* 38.5W / 93cm *(38W093)* 21W / 102cm *(21W102)* 42W / 102cm *(42W102)* 24.5W / 119cm *(24W119)* 49W / 119cm *(49W119)* 31.5W / 152cm *(31W152)* 63W / 152cm *(63W152)* 42W / 202cm *(42W202)* 84W / 202cm *(84W202)*	≥ 80 *(80)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
TETRA SLICK Pendant *(TETRA SLP)*						

Ordering Code Example:
TETRA SLS-BL-30N-63W152-80-MS-24







TETRA Series

- TETRA linear luminaire is available for surface, recessed, trimless or pendant application.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

Surface

Pendant

Trimless

Recessed

Semi Recessed

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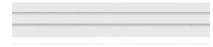
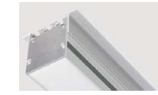
Anodized

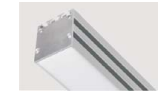
White



Black



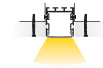
Surface A



Surface B

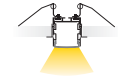
Surface C

Pendant



Trimless

Recessed



Semi Recessed

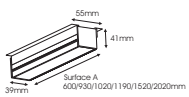
LIGHTSOURCE BY NICHIA

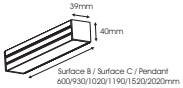
IP40

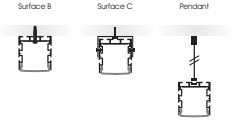
Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
TETRA Surface A *(TETRA SA)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	⩾ 80 *(80)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	12.2W / 60cm *(12W060)* 24.5W / 60cm *(24W060)* 19.25W / 93cm *(19W093)* 38.5W / 93cm *(38W093)* 21W / 102cm *(21W102)* 42W / 102cm *(42W102)* 24.5W / 119cm *(24W119)* 49W / 119cm *(49W119)* 31.5W / 152cm *(31W152)* 63W / 152cm *(63W152)* 42W / 202cm *(42W202)* 84W / 202cm *(84W202)*	24VDC *(24)*
TETRA Surface B *(TETRA SB)*						
TETRA Surface C *(TETRA SC)*						
TETRA Pendant *(TETRA PD)*						

Ordering Code Example:

TETRA PD-BL-30N-80-MS-31W152-24







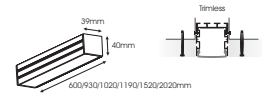
LIGHTSOURCE BY NICHIA

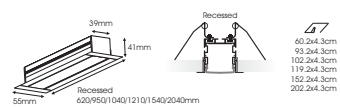
IP40

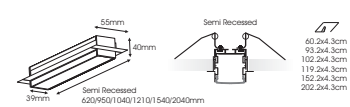
Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
TETRA Trimless *(TETRA TR)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	⩾ 80 *(80)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	12.2W / 60cm *(12W060)* 24.5W / 60cm *(24W060)* 19.25W / 93cm *(19W093)* 38.5W / 93cm *(38W093)* 21W / 102cm *(21W102)* 42W / 102cm *(42W102)* 24.5W / 119cm *(24W119)* 49W / 119cm *(49W119)* 31.5W / 152cm *(31W152)* 63W / 152cm *(63W152)* 42W / 202cm *(42W202)* 84W / 202cm *(84W202)*	24VDC *(24)*
TETRA Recessed *(TETRA RC)*					12.2W / 62cm *(12W062)* 24.4W / 62cm *(24W062)* 19.2W / 95cm *(19W095)* 38.5W / 95cm *(38W095)* 21W / 104cm *(21W104)* 42W / 104cm *(42W104)* 24.5W / 121cm *(24W121)* 49W / 121cm *(49W121)* 31.5W / 154cm *(31W154)* 63W / 154cm *(63W154)* 42W / 204cm *(42W204)* 84W / 204cm *(84W204)*	
TETRA Semi Recessed *(TETRA SR)*						

Ordering Code Example:

TETRA RC-BL-30N-80-MS-31W154-24







TETRA SLICK WASH

- TETRA SLICK WASH linear luminaire is available for surface or pendant application.
- L90/B10 50000h
- 3 SDCM
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

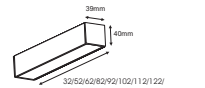
CREE LEDs

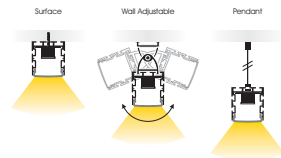
IP40

Model	Luminaire Colour	CCT	CRI	Beam Angle	Watt-LED/m	Length	Voltage
TETRA SLICK WASH Surface *(TETRA SLICK WASH SF)* **TETRA SLICK WASH Wall Adjustable** *(TETRA SLICK WASH WA)* **TETRA SLICK WASH Pendant** *(TETRA SLICK WASH PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5600K* *(56C)*	⩾ 70* *(70)* ⩾ 80** *(80)*	12° *(12)* 25° *(25)* 46° *(46)* 40°x10° *(40)*	10.5W-10LED/m *(1010)* 21W-10LED/m *(2010)* 21W-20LED/m *(2020)*	32cm *(032)* 52cm *(052)* 62cm *(062)* 82cm *(082)* 92cm *(092)* 102cm *(102)* 112cm *(112)* 122cm *(122)* 132cm *(132)* 142cm *(142)* 152cm *(152)* 162cm *(162)* 172cm *(172)* 182cm *(182)* 192cm *(192)* 202cm *(202)*	24VDC *(24)*
					25.2W-24LED/m *(2424)*	52cm *(052)* 102cm *(102)* 152cm *(152)* 202cm *(202)*	

* 5600K only available in CRI 70
** CRI 80 only for 2700K/3000K/4000K

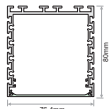
Ordering Code Example: *TETRA SLICK WASH SF-BL-30C-80-46-2424-102-24*





TETRA PLUS Series

- TETRA PLUS linear luminaire is available for surface, recessed, trimless or pendant application.
- L80/B10 50,000h (for monochromatic models)
- 3 SDCM
- IP40

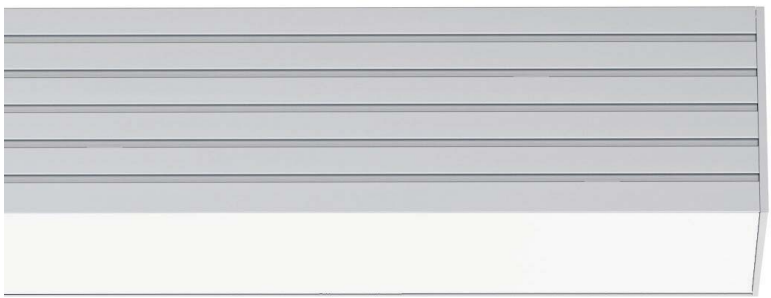


230V EMERGENCY

- 3 hours EMERGENCY operation.
- DALI dimmable upon request for monochromatic models (except 32W113 model).

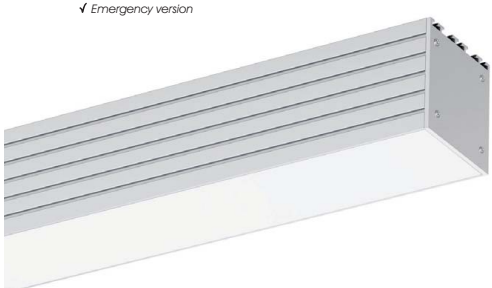
TUNABLE WHITE

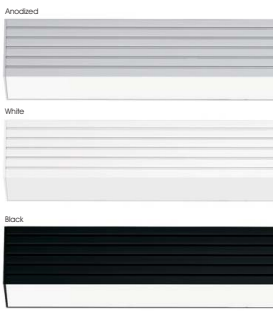
- Linear Tunable White system with adjustable colour temperature from 3000K to 6000K at constant luminous flux.



Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*





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TRIDONIC IP40

Model	Luminaire Colour	CRI	Type	Voltage*	CCT**	Watt / Length	Initial LED Lumen (no cover) 3000K	4000K
TETRA PLUS SURFACE *(TETRA PLUS SF)* **TETRA PLUS SURFACE with HINGE** *(TETRA PLUS SH)* **TETRA PLUS RECESSED** *(TETRA PLUS RC)* **TETRA PLUS TRIMLESS** *(TETRA PLUS TR)* **TETRA PLUS PENDANT** *(TETRA PLUS PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	≥80 *(80)*	Milky Satin *(MS)*	230VAC *(230)*	3000K *(30)* 4000K *(40)*	16W / 57cm *(16W057)* 24W / 85cm *(24W085)* 32W / 113cm *(32W113)* 40W / 141cm *(40W141)* 48W / 169cm *(48W169)* 56W / 197cm *(56W197)*	2060lm 3090lm 4120lm 5150lm 6180lm 7210lm	2240lm 3360lm 4480lm 5600lm 6720lm 7840lm

230V EMERGENCY

CCT		Watt / Length	3000K	4000K
3000K Emergency	*(30EM)*	32W / 113cm *(32W113)*	4120lm	4480lm
		40W / 141cm *(40W141)*	5150lm	5600lm
4000K Emergency	*(40EM)*	48W / 169cm *(48W169)*	6180lm	6720lm
		56W / 197cm *(56W197)*	7210lm	7840lm

Voltage	CCT	Watt / Length	Initial LED Lumen (no cover)
230VAC DALI Dimmable *(230DL)*	*TUNABLE WHITE* Tunable White 3000K~6000K *(TW)*	20W / 86cm *(20W086)*	2100lm
		26W / 114cm *(26W114)*	2650lm
		32W / 142cm *(32W142)*	3350lm
		40W / 86cm *(40W086)*	4300lm
		52W / 114cm *(52W114)*	5700lm
		62W / 142cm *(62W142)*	7150lm

TUNABLE WHITE
230V EMERGENCY

CCT	Watt / Length	
Tunable White 3000K~6000K *(TWEM)*	32W / 142cm *(32W142)*	3350lm
	62W / 142cm *(62W142)*	7150lm

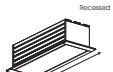
* Available in 230VAC DALI dimmable upon request.
** Available in 2700K, 3500K and 6500K upon request.

Ordering Code Example: *TETRA PLUS SF-BL-80-MS-230-30-56W197*

Surface, Trimless, Pendant

Monochromatic:
570/850/1130/1410/1690/1970mm
Emergency:
1130/1410/1690/1970mm
TW: 860/1140/1420mm
TW Emergency: 1420mm

Recessed



Monochromatic:
590/870/1150/1430/1710/1990mm
Emergency:
1150/1430/1710/1990mm
TW: 880/1160/1440mm
TW Emergency: 1440mm

578 x 81mm
858 x 81mm
1138 x 81mm
1418 x 81mm
1698 x 81mm
1978 x 81mm

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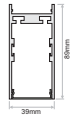
PALMA Series

- PALMA linear luminaire is suitable for surface, trimless or pendant installation.
- DALI dimmable upon request.
- L80/B10 50.000h (for monochromatic models)
- 3 SDCM

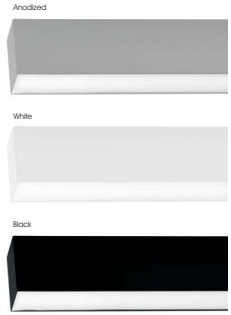


230V EMERGENCY

- 3 hours EMERGENCY operation.
- DALI dimmable upon request (except 32W113 model).

TUNABLE WHITE

- Linear Tunable White system with adjustable colour temperature from 3000K to 6000K at constant luminous flux.



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TRIDONIC

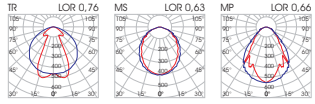
Model	Luminaire Colour	CRI	Type	Voltage*	CCT**	Watt / Length	Initial LED Lumen (no cover) 3000K	4000K
PALMA Surface *(PALMA SF)* **PALMA Trimless** *(PALMA TR)* **PALMA Pendant** *(PALMA PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	> 80 *(80)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	230VAC *(230)*	3000K *(30)* 4000K *(40)*	16W / 57cm *(16W057)* 24W / 85cm *(24W085)* 32W / 113cm *(32W113)* 40W / 141cm *(40W141)* 48W / 169cm *(48W169)* 56W / 197cm *(56W197)*	2060lm 3090lm 4120lm 5150lm 6180lm 7210lm	2240lm 3360lm 4480lm 5600lm 6720lm 7840lm

230V EMERGENCY

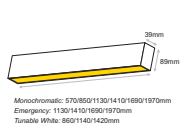
CCT		Watt / Length	3000K	4000K
3000K Emergency	*(30EM)*	32W / 113cm *(32W113)*	4120lm	4480lm
		40W / 141cm *(40W141)*	5150lm	5600lm
4000K Emergency	*(40EM)*	48W / 169cm *(48W169)*	6180lm	6720lm
		56W / 197cm *(56W197)*	7210lm	7840lm

Voltage	CCT	Watt / Length	Initial LED Lumen (no cover)
	TUNABLE WHITE		
230VAC DALI Dimmable *(230DL)*	Tunable White 3000K~6000K *(TW)*	20W / 86cm *(20W086)*	2100lm
		26W / 114cm *(26W114)*	2650lm
		32W / 142cm *(32W142)*	3350lm
		40W / 86cm *(40W086)*	4300lm
		52W / 114cm *(52W114)*	5700lm
		62W / 142cm *(62W142)*	7150lm

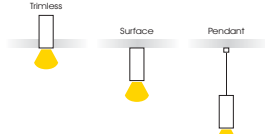
*Available in 230VAC DALI dimmable upon request.
**Available in 2700K, 3500K and 6500K upon request.



Ordering Code Example: *PALMA SF-BL-80-MP-230-40-40W141*



Monochromatic: 570/850/1130/1410/1690/1970mm
Emergency: 1130/1410/1690/1970mm
Tunable White: 860/1140/1420mm



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LINILUX Series

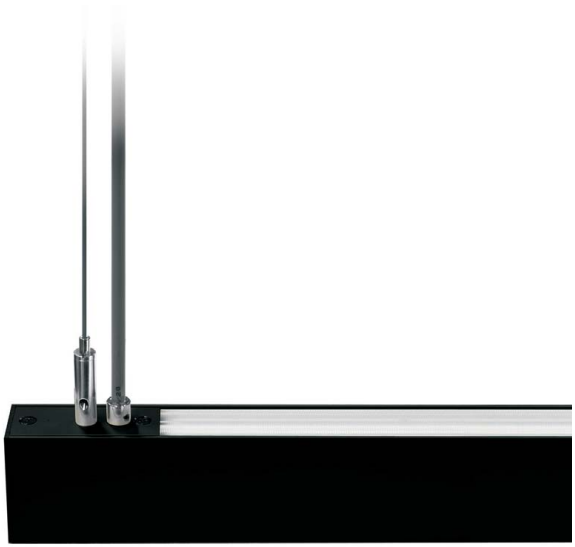
Interior Linear

- LINILUX linear luminaire is ideal for corridors in retail lighting due to its asymmetric & double asymmetric lenses.
- Suitable for surface or pendant application.
- L80/B10 50.000h
- 3 SDCM
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Ingress Protection: IP40

Available upon request:

✓ *Custom luminaire colours*

✓ *Emergency version*



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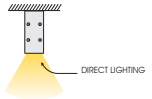
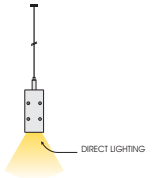
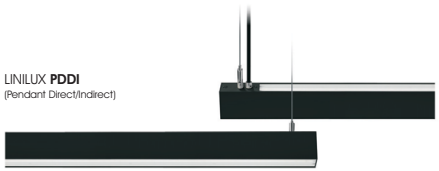
LINILUX **SF**
(Surface)

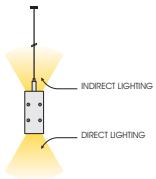


LINILUX **PD**
(Pendant)



LINILUX **PDDI**
(Pendant Direct/Indirect)





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TRIDONIC IP40

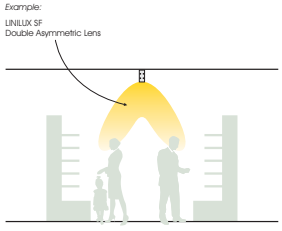
Model	Luminaire Colour	CCT	Watt / Length	CRI >80 LED Source	Beam Angle	Voltage	Dimming Option	Extras
				⩾ 80 *(80)*				
LINILUX Surface *(LINILUX SF)* **LINILUX Pendant** *(LINILUX PD)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2700K *(27)*	17.1W / 57cm *(17W057)*	2600lm	40° Lens *(40)*	230VAC *(230)*	Non Dimmable *(ND)*	Standard *(0)*
			25.6W / 85cm *(26W085)*	3900lm	60° Lens *(60)*		Analogue (1-10V) *(A1)*	Emergency function *(1)*
			34.2W / 113cm *(34W113)*	5200lm	70° Lens *(70)*		DALI *(DL)*	*Note:* *All 57cm and 85cm DALI, Analog (1-10). Wireless models are not available with emergency function.*
			42.7W / 141cm *(43W141)*	6500lm	90° Lens *(90)*		Wireless *(WL)*	
			51.2W / 169cm *(51W169)*	7800lm	110° Lens *(110)*			
			59.8W / 197cm *(60W197)*	9100lm	145° Lens *(145)*			
			68.3W / 225cm *(68W225)*	10400lm	Asymmetric Lens *(ASY)*			
			76.8W / 253cm *(77W253)*	11700lm	Double Asymmetric Lens *(DAS)*			
			85.4W / 281cm *(85W281)*	13000lm				
		3000K *(30)*	17.1W / 57cm *(17W057)*	2680lm				
			25.6W / 85cm *(26W085)*	4020lm				
			34.2W / 113cm *(34W113)*	5360lm				
			42.7W / 141cm *(43W141)*	6700lm				
			51.2W / 169cm *(51W169)*	8040lm				
			59.8W / 197cm *(60W197)*	9380lm				
			68.3W / 225cm *(68W225)*	10720lm				
			76.8W / 253cm *(77W253)*	12060lm				
			85.4W / 281cm *(85W281)*	13400lm				
		4000K *(40)*	17.1W / 57cm *(17W057)*	2810lm				
			25.6W / 85cm *(26W085)*	4215lm				
			34.2W / 113cm *(34W113)*	5620lm				
			42.7W / 141cm *(43W141)*	7025lm				
			51.2W / 169cm *(51W169)*	8430lm				
			59.8W / 197cm *(60W197)*	9835lm				
			68.3W / 225cm *(68W225)*	11240lm				
			76.8W / 253cm *(77W253)*	12645lm				
			85.4W / 281cm *(85W281)*	14050lm				

Ordering Code Example:

LINILUX SF-AN-30-43W141-80-DAS-230-ND-1

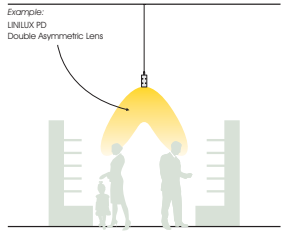
Example:

LINILUX SF
Double Asymmetric Lens



Example:

LINILUX PD
Double Asymmetric Lens



TRIDONIC IP40

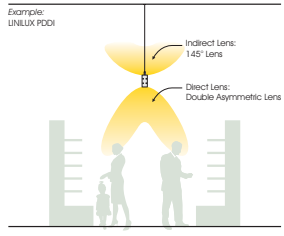
Model	Luminaire Colour	CCT	Watt / Length	CRI >80 LED Source DIRECT-INDIRECT	Beam Angle	Voltage	Dimming Option	Extras
				⩾ 80 *(80)*				
LINILUX Pendant Direct/Indirect *(LINILUX PDDI)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2700K *(27)*	24.4W / 57cm *(24W057)*	2600 - 885lm	***DIRECT LIGHTING***	230VAC *(230)*	Non Dimmable *(ND)*	***EMERGENCY FUNCTION***
			36.6W / 85cm *(37W085)*	3900-1475lm	***INDIRECT LIGHTING***		Analogue (1-10V) *(A1)*	***CONTROLS***
			48.8W / 113cm *(49W113)*	5200-2065lm	***DIRECT LENSES:***		DALI *(DL)*	***EMERGENCY FUNCTION:***
			61.0W / 141cm *(61W141)*	6500-2650lm	40° Lens *(40)*		Wireless *(WL)*	Standard *(0)*
			73.2W / 169cm *(73W169)*	7800-3240lm	60° Lens *(60)*			Emergency function *(1)*
			85.4W / 197cm *(85W197)*	9100-3830lm	70° Lens *(70)*			*Note for standard control:* *All 57cm and 85cm models are not available with emergency function.*
			93.3W / 225cm *(93W225)*	10400-4120lm	90° Lens *(90)*			
			105.4W / 253cm *(105W253)*	11700-4710lm	110° Lens *(110)*			*Note for separated controls:* *All 57cm, 85cm and 113cm models, are not available with emergency function.*
			117.5W / 281cm *(118W281)*	13000-5300lm	145° Lens *(145)*			
		3000K *(30)*	24.4W / 57cm *(24W057)*	2680 - 910lm	Asymmetric Lens *(ASY)*			***CONTROLS:***
			36.6W / 85cm *(37W085)*	4020-1520lm	Double Asymmetric Lens *(DAS)*			Standard *(0)*
			48.8W / 113cm *(49W113)*	5360-2125lm	***INDIRECT LENSES:***			Separated *(1)*
			61.0W / 141cm *(61W141)*	6700-2735lm	40° Lens *(40)*			*Note: With control option you can choose one control (standard) for Direct & Indirect lighting or two controls (Separated) for independent control of Direct and Indirect lightings.*
			73.2W / 169cm *(73W169)*	8040-3340lm	60° Lens *(60)*			
			85.4W / 197cm *(85W197)*	9380-3950lm	70° Lens *(70)*			
			93.3W / 225cm *(93W225)*	10720-4255lm	90° Lens *(90)*			
			105.4W / 253cm *(105W253)*	12060-4860lm	110° Lens *(110)*			
			117.5W / 281cm *(118W281)*	13400-5470lm	145° Lens *(145)*			
		4000K *(40)*	24.4W / 57cm *(24W057)*	2810 - 955lm				
			36.6W / 85cm *(37W085)*	4215-1595lm				
			48.8W / 113cm *(49W113)*	5620-2230lm				
			61.0W / 141cm *(61W141)*	7025-2870lm				
			73.2W / 169cm *(73W169)*	8430-3505lm				
			85.4W / 197cm *(85W197)*	9835-4145lm				
			93.3W / 225cm *(93W225)*	11240-4465lm				
			105.4W / 253cm *(105W253)*	12645-5100lm				
			117.5W / 281cm *(118W281)*	14050-5740lm				

Ordering Code Example:

LINILUX PDDI-AN-30-93W225-80-DAS110-230-ND-11

Example:

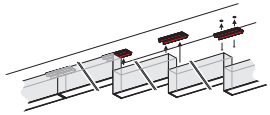
LINILUX PDDI



LINILUX SF, PD, PDDI

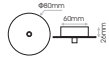
Accessories for Surface (SF)

PRH.102 Line alignment



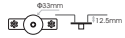
Accessories for Pendant (PD) & Pendant Direct/Indirect (PDDI)

Canopy Surface
PRH.039 White
PRH.082 Black
PRH.085 Light Grey

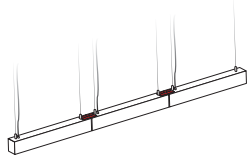


Canopy Recessed
PRH.040 White
PRH.083 Black
PRH.086 Light Grey

Canopy Trimless
PRH.041 White
PRH.084 Black
PRH.087 Light Grey



PRH.101 Line alignment



Polar Curves of lenses

40° Lens LOR:0.85

60° Lens LOR:0.83

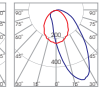
70° Lens LOR:0.88

90° Lens LOR:0.85

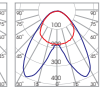
110° Lens LOR:0.90

145° Lens LOR:0.84

Asymmetric Lens LOR:0.87



Double Asymmetric Lens LOR:0.85



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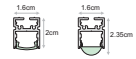
LUMINET

- LUMINET linear interior luminaire is available for surface, pendant installation or with brackets for wall installation.
- It is suitable for indoor wall washing as it offers a variety of beam angles (15°, 30°, 50°, 70°, 90°).
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- Ingress Protection: IP40

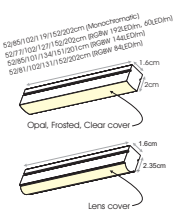


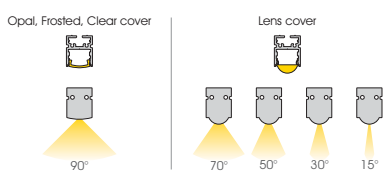
Monochromatic Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

RGBW Lighting management options:
DMX, DALI,Wireless Bluetooth or RF controllers

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*





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LIGHTSOURCE BY NICHIA for Monochromatic

IP40

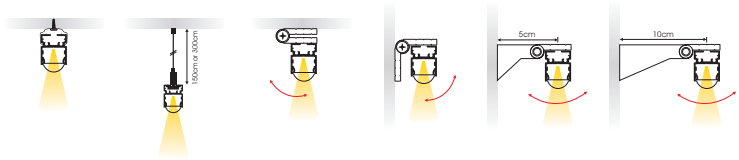
Model	Luminaire Colour	Colour Temperature	CRI	Watt / Length	Beam Angle (Cover Type)	Voltage
LUMINET FIXED *(LUMINET FX)*	Anodized *(AN)*	2000K *(20)*	≥ 80 *(80)*	10.5W / 52cm *(11W052)*	15° (Lens Cover) *(15L)*	24VDC *(24)*
LUMINET PENDANT *(LUMINET P1)* H:150cm *(LUMINET P2)* H:300cm	White *(WH)*	2500K *(25)*		17.5W / 85cm *(18W085)*	30° (Lens Cover) *(30L)*	
LUMINET SURFACE A *(LUMINET SA)*	Black *(BL)*	2700K *(27)*		21W / 102cm *(21W102)*	50° (Lens Cover) *(50L)*	
LUMINET SURFACE B *(LUMINET SB)*		3000K *(30)*		24.5W / 119cm *(25W119)*	70° (Lens Cover) *(70L)*	
LUMINET 5cm BRACKET *(LUMINET B1)*		4000K *(40)*		31.5W / 152cm *(32W152)*	90° (Opal Cover) *(90O)*	
LUMINET 10cm BRACKET *(LUMINET B2)*		5700K *(57)*		42W / 202cm *(42W202)*	90° (Frosted Cover) *(90F)*	
					90° (Clear Cover) *(90C)*	

RGBW

Colour	Watt / Length
RGBW 192LED/m* *(RGBW)*	13.5W / 52cm *(14W052)* 20.2W / 77cm *(20W077)* 27W / 102cm *(27W102)* 30.4W / 127cm *(30W127)* 40.5W / 152cm *(41W152)* 54W / 202cm *(54W202)*
RGBW 144LED/m* *(RGBW)*	7.5W / 52cm *(08W052)* 12.5W / 85cm *(13W085)* 15W / 101cm *(15W101)* 20W / 134cm *(20W134)* 22.5W / 151cm *(23W151)* 30W / 201cm *(30W201)*
RGBW 84LED/m** *(RGBW)*	13.5W / 52cm *(14W052)* 21.2W / 81cm *(21W081)* 27W / 102cm *(27W102)* 34.7W / 131cm *(35W131)* 40.5W / 152cm *(41W152)* 54W / 202cm *(54W202)*
RGBW 60LED/m** *(RGBW)*	9.8W / 52cm *(10W052)* 14.6W / 77cm *(15W077)* 19.5W / 102cm *(20W102)* 24.4W / 127cm *(24W127)* 29.4W / 152cm *(29W152)* 39W / 202cm *(39W202)*

* RGBW 192/144LED/m available with Lens Cover
** RGBW 84/60LED/m available with Opal/Frosted/Clear Cover

Ordering Code Example: *LUMINET SA-WH-30-80-32W152-90F-24*



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LIGUA 1

Interior Linear

- LIGUA 1 is a linear single side light emitting luminaire suitable for decorative applications.
- Possibility of creating 90° vertical or 90° horizontal installations.
- L90/B10 50.0000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

LIGHTSOURCE BY NICHIA

IP30

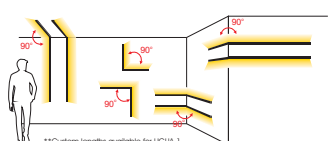
Model	Luminaire Colour	CCT	CRI*	Type	Watt* / Length	Voltage
LIGUA 1 *(LIGUA 1)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	Clear *(CL)* Opal *(OP)* Frosted *(FR)*	7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	24VDC *(24)*

*Available also in CRI90 upon request

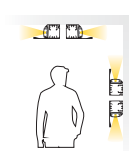
Ordering Code Example: LIGUA 1-BL-40-80-FR-31W152-24

Available upon request:

- √ *Custom dimensions***
- √ *Custom luminaire colours*
- √ *Emergency version*



**Custom lengths available for LIGUA 1
for 90° vertical or 90° horizontal installations



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ELECTRON

LIGUA 2

Interior Linear

- LIGUA 2 is a linear double side light emitting luminaire suitable for decorative applications.
- Possibility of creating 90° vertical or 90° horizontal installations.
- L90/B10 50.0000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

LIGHTSOURCE BY NICHIA

IP30

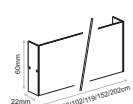
Model	Luminaire Colour	CCT	CRI*	Type	Watt* / Length	Voltage
LIGUA 2 *(LIGUA 2)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	Clear *(CL)* Opal *(OP)* Frosted *(FR)*	14W / 35cm *(14W035)* 24.4W / 60cm *(24W060)* 38.5W / 93cm *(38W093)* 42W / 102cm *(42W102)* 49W / 119cm *(49W119)* 63W / 152cm *(63W152)* 84W / 202cm *(84W202)*	24VDC *(24)*

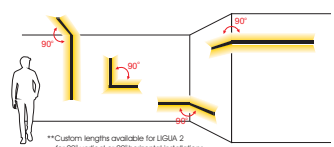
*Available also in CRI90 upon request

Ordering Code Example: LIGUA 2-BL-40-80-FR-63W152-24

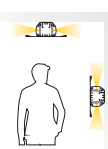
Available upon request:

- √ *Custom dimensions***
- √ *Custom luminaire colours*
- √ *Emergency version*





**Custom lengths available for LIGUA 2
for 90° vertical or 90° horizontal installations



ELECTRON

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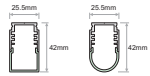
JOY

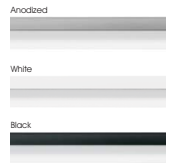
- JOY linear luminaire is available for surface or pendant application.
- L90/B10 50.000
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*



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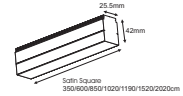
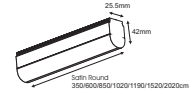
LIGHTSOURCE BY NICHIA

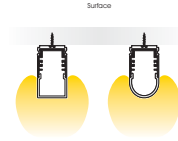
IP40

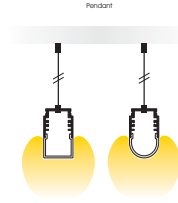
Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
JOY SURFACE *(JOY SF)*	Anodized *(AN)*	2000K *(20N)*	≥ 80 *(80)*	Satin Square *(SS)*	7W / 35cm *(07W035)*	24VDC *(24)*
	White *(WH)*	2500K *(25N)*		Satin Round *(SR)*	12.2W / 60cm *(12W060)*	
	Black *(BL)*	2700K *(27N)*			17.5W / 85cm *(17W085)*	
JOY PENDANT *(JOY PD)*		3000K *(30N)*			21W / 102cm *(21W102)*	
		4000K *(40N)*			24.5W / 119cm *(24W119)*	
		5700K *(57N)*			31.5W / 152cm *(31W152)*	
					42W / 202cm *(42W202)*	

Ordering Code Example:
JOY SF-BL-30N-80-SS-24W119-24









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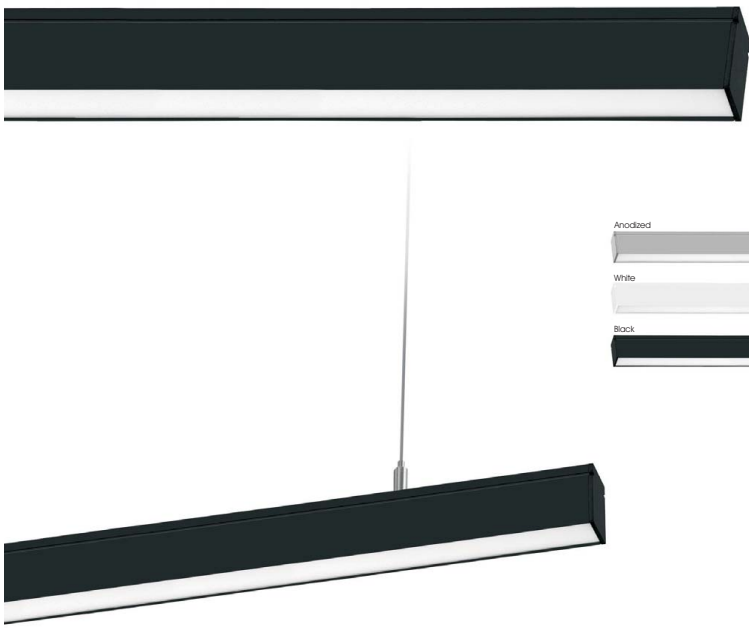
U TYPE

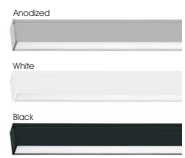
- U TYPE linear luminaire is available for surface or pendant application.
- It is available with milky, milky satin, ruled, or transparent cover.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*





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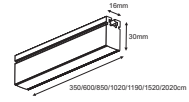
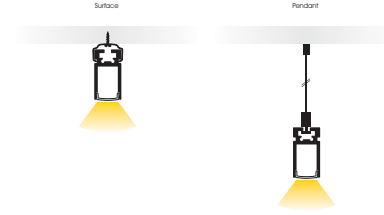
LIGHTSOURCE BY NICHIA

IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
U TYPE Surface *(U TYPE SF)*	Anodized *(AN)*	2000K *(20N)*	>80 *(80)*	Milky *(ML)*	7W / 35cm *(07W035)*	24VDC *(24)*
	White *(WH)*	2500K *(25N)*		Milky Satin *(MS)*	12.2W / 60cm *(12W060)*	
U TYPE Pendant *(U TYPE PD)*	Black *(BL)*	2700K *(27N)*		Ruled *(RL)*	17.5W / 85cm *(17W085)*	
		3000K *(30N)*		Transparent *(TR)*	21W / 102cm *(21W102)*	
		4000K *(40N)*			24.5W / 119cm *(24W119)*	
		5700K *(57N)*			31.5W / 152cm *(31W152)*	
					42W / 202cm *(42W202)*	

Ordering Code Example:
U TYPE SF-BL-30N-80-ML-24W119-24





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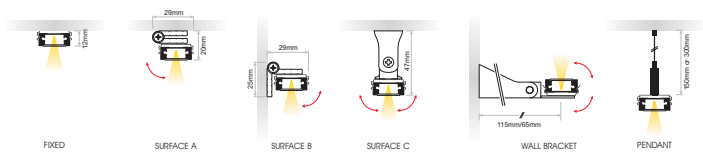
ELECSIA

- ELECSIA is a simple low depth linear luminaire suitable for surface, pendant or wall bracket installation.
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*



FIXED | SURFACE A | SURFACE B | SURFACE C | WALL BRACKET (Long/Short) | PENDANT

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LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
ELECSIA FIXED *(ELECSIA F)* **ELECSIA SURFACE A** *(ELECSIA SA)* **ELECSIA SURFACE B** *(ELECSIA SB)* **ELECSIA SURFACE C** *(ELECSIA SC)* **ELECSIA SHORT BRACKET 6.5cm** *(ELECSIA B1)* **ELECSIA LONG BRACKET 11.5cm** *(ELECSIA B2)* **ELECSIA PENDANT** *(ELECSIA P1)* **H:150cm** *(ELECSIA P2)* **H:300cm**	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	> 80 *(80)*	10.5W / 52cm *(11W052)* 17.5W / 85.3cm *(18W085)* 21W / 102cm *(21W102)* 24.5W / 118.7cm *(25W119)* 31.5W / 152cm *(32W152)* 42W / 202cm *(42W202)*	Transparent *(TR)* Milky Satin *(MS)* Microprismatic *(MP)*	24VDC *(24)*
		RGBWW / RGBCW / RGB				
		Colour		**Watt / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 52cm *(14W052)* 23.1W / 87.7cm *(23W088)* 27W / 102cm *(27W102)* 32.8W / 123.4cm *(33W123)* 40.5W / 152cm *(41W152)* 54W / 202cm *(54W202)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		9.7W / 52cm *(10W052)* 15.6W / 82cm *(16W082)* 19.5W / 102cm *(20W102)* 23.4W / 122cm *(23W122)* 29.2W / 152cm *(29W152)* 39W / 202cm *(39W202)*		
		RGB *(RGB96)* 96LED/m		11.5W / 52cm *(12W052)* 20.1W / 89.5cm *(20W090)* 23W / 102cm *(23W102)* 27.3W / 120.7cm *(27W121)* 34.5W / 152cm *(35W152)* 46W / 202cm *(46W202)*		
		RGB *(RGB60)* 60LED/m**		7.2W / 52cm *(07W052)* 11.6W / 82cm *(12W082)* 14.5W / 102cm *(15W102)* 17.4W / 122cm *(17W122)* 21.7W / 152cm *(22W152)* 29W / 202cm *(29W202)*		
		RGB *(RGB30)* 30LED/m**		3.6W / 52cm *(04W052)* 5.7W / 82cm *(06W082)* 7.2W / 102cm *(07W102)* 8.6W / 122cm *(09W122)* 10.8W / 152cm *(11W152)* 14.4W / 202cm *(14W202)*		12VDC *(12)*

* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: *ELECSIA B1-BL-RGB60-22W152-TR-24*

ELA.008
Antislipper for vertical installation (as extra)

Input cable with IP connectors (as extra)

Input & Output cables with IP connector (as extra)

OMEGA

Interior Linear

- OMEGA is a recessed linear luminaire.
- It is available with milky, milky satin, ruled, or transparent cover.
- L90/B10 50.000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

LIGHTSOURCE BY NICHIA

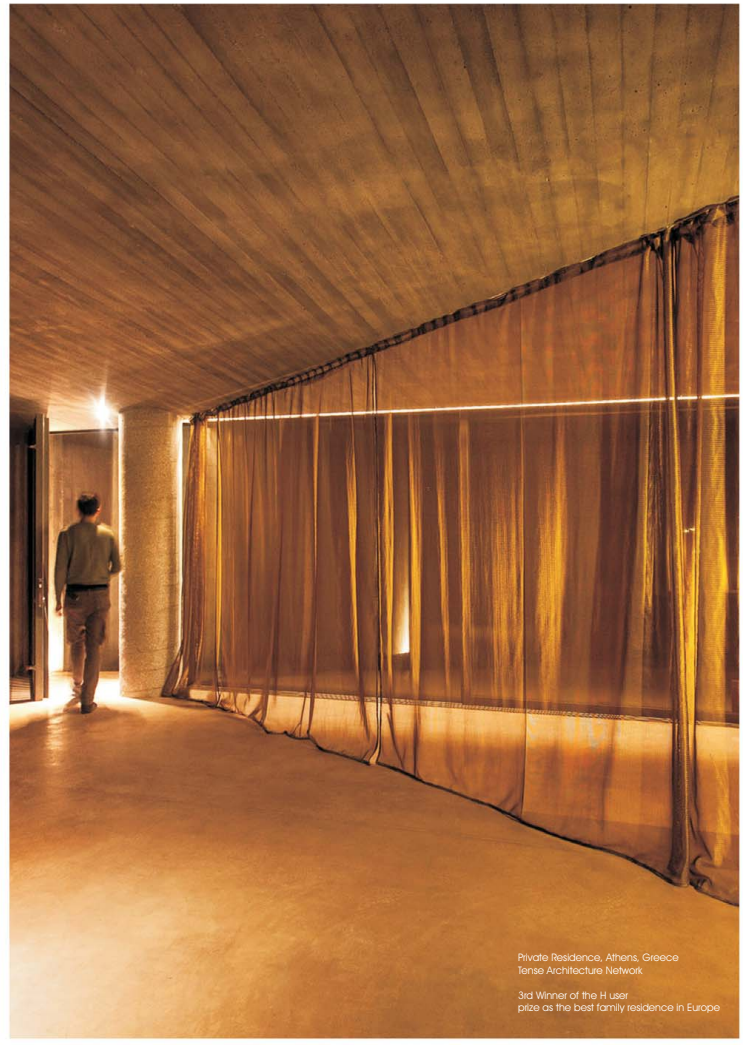
IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
OMEGA *(OMEGA)*	Anodized *(AN)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	≥ 80 *(80)*	Milky *(ML)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	7W / 37cm *(07W037)* 12.2W / 62cm *(12W062)* 17.5W / 87cm *(17W087)* 21W / 104cm *(21W104)* 24.5W / 121cm *(24W121)* 31.5W / 154cm *(31W154)* 42W / 204cm *(42W204)*	24VDC *(24)*

Ordering Code Example:

OMEGA-AN-30N-80-MS-24W121-24

36.1x1.7cm
61.1x1.7cm
86.1x1.7cm
103.1x1.7cm
120.1x1.7cm
153.1x1.7cm
203.1x1.7cm



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Tense Architecture Network

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prize as the best family residence in Europe

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SKYTUBE

- SKYTUBE linear luminaire is offered either for surface or pendant application.
- Tube Material: PMMA
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- Ingress Protection: IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*

Length:

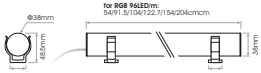
for Monochromatic:
54/87.3/104/120.7/154/204cm

for Tunable White:
54/79/104/129/154/195.7cm

for RGBWW-RGBCW 84LED/m:
54/89.7/104/125.4/154/204cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:
54/84/104/124/154/204cm

for RGB 96LED/m:
54/91.5/104/122.7/154/204cmcm



Holders
(as standard)

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LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Colour Temperature	CRI	Watt / Length	Type	Voltage
SKYTUBE Surface *(SKYTUBE SF)*	2000K *(20)*	80+ *(80)*	10.5W / 54cm *(11W054)*	Milky *(ML)*	24VDC *(24)*
	2500K *(25)*		17.5W / 87.3cm *(18W087)*		
SKYTUBE Pendant *(SKYTUBE PD)*	2700K *(27)*		21W / 104cm *(21W104)*		
	3000K *(30)*		24.5W / 120.7cm *(25W121)*		
	4000K *(40)*		31.5W / 154cm *(32W154)*		
	5700K *(57)*		42W / 204cm *(42W204)*		

TUNABLE WHITE

Colour Temperature	CRI	Watt / Length
Tunable White 2700K~5700K *(TW)*	80+ *(80)*	10W / 54cm *(10W054)* 15W / 79cm *(15W079)* 20W / 104cm *(20W104)* 25W / 129cm *(25W129)* 30W / 154cm *(30W154)* 38.3W / 195.7cm *(38W196)*

RGBWW / RGBCW / RGB

Colour		Watt / Length
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 54cm *(14W054)* 23.1W / 89.7cm *(23W090)* 27W / 104cm *(27W104)* 32.8W / 125.4cm *(33W125)* 40.5W / 154cm *(41W154)* 54W / 204cm *(54W204)*
RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m*		9.7W / 54cm *(10W054)* 15.6W / 84cm *(16W084)* 19.5W / 104cm *(20W104)* 23.4W / 124cm *(23W124)* 29.2W / 154cm *(29W154)* 39W / 204cm *(39W204)*
RGB *(RGB96)* 96LED/m		11.5W / 54cm *(12W054)* 20.1W / 91.5cm *(20W092)* 23W / 104cm *(23W104)* 27.3W / 122.7cm *(27W123)* 34.5W / 154cm *(35W154)* 46W / 204cm *(46W204)*
RGB *(RGB60)* 60LED/m*		7.2W / 54cm *(07W054)* 11.6W / 84cm *(12W084)* 14.5W / 104cm *(15W104)* 17.4W / 124cm *(17W124)* 21.7W / 154cm *(22W154)* 29W / 204cm *(29W204*
RGB *(RGB30)* 30LED/m*		3.6W / 54cm *(04W054)* 5.7W / 84cm *(06W084)* 7.2W / 104cm *(07W104)* 8.6W / 124cm *(09W124)* 10.8W / 154cm *(11W154)* 14.4W / 204cm *(14W203)*	12VDC *(12)*

* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: SKYTUBE SF-30-80-25W121-ML-24

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IKEBANA Restaurant, Athens, Greece
Lighting Design: ASight
Photo: Gavill Papadiotis

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ARC

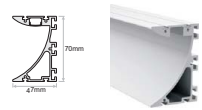
Interior Linear

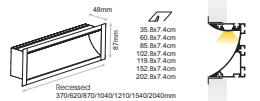
- ARC linear luminaire available for trimless or recessed application.
- L90/B10 50000h
- 3 SDCM
- IP40

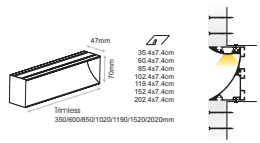
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*





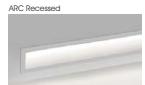


LIGHTSOURCE BY NICHIA

IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARC Recessed *(ARC RC)*	White *(WH)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	> 80 *(80)*	Milky *(ML)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	7W / 37cm *(07W037)* 12.2W / 62cm *(12W062)* 17.5W / 87cm *(17W087)* 21W / 104cm *(21W104)* 24.5W / 121cm *(24W121)* 31.5W / 154cm *(31W154)* 42W / 204cm *(42W204)*	24VDC *(24)*
ARC Trimless *(ARC TR)*					7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	

ARC Recessed



ARC Trimless

Ordering Code Example: *ARC RC-WH-30N-80-MS-42W204-24*

ARC 2

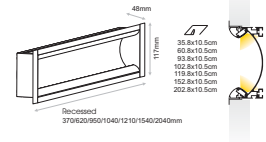
Interior Linear

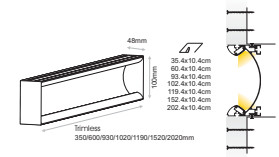
- ARC 2 linear luminaire available for trimless or recessed application.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*





LIGHTSOURCE BY NICHIA

IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARC 2 Recessed *(ARC 2 RC)*	White *(WH)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	> 80 *(80)*	Milky *(ML)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	14W / 37cm *(14W037)* 24.4W / 62cm *(24W062)* 38.5W / 95cm *(38W095)* 42W / 104cm *(42W104)* 49W / 121cm *(49W121)* 63W / 154cm *(63W154)* 84W / 204cm *(84W204)*	24VDC *(24)*
ARC 2 Trimless *(ARC 2 TR)*					14W / 35cm *(14W035)* 24.4W / 60cm *(24W060)* 38.5W / 93cm *(38W093)* 42W / 102cm *(42W102)* 49W / 119cm *(49W119)* 63W / 152cm *(63W152)* 84W / 202cm *(84W202)*	

ARC 2 Recessed

ARC 2 Trimless

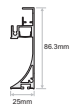
Ordering Code Example: *ARC 2 TR-WH-30N-80-MS-84W202-24*

ARC 3

Interior Linear

- ARC 3 linear luminare suitable for trimless application.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



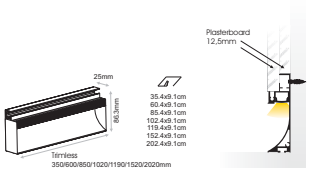
Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

LIGHTSOURCE BY NICHIA — IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARC 3 Trimless *(ARC 3 TR)*	White *(WH)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	> 80 *(80)*	Milky *(ML)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	7W / 35cm *(07W035)* 12.2W / 60cm *(12W060)* 17.5W / 85cm *(17W085)* 21W / 102cm *(21W102)* 24.5W / 119cm *(24W119)* 31.5W / 152cm *(31W152)* 42W / 202cm *(42W202)*	24VDC *(24)*

Ordering Code Example:
ARC 3 TR-WH-30N-80-MS-42W202-24



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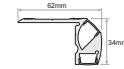
ELECTRON

Interior Linear

STAIR DUE

- STAIRDUE linear luminaire with double light emittance for illuminating stairs.
- Special position of LEDs in the upper part ensures a glare free illumination.
- L90/B10 50000h
- 3 SDCM
- IP30

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



IP66 Available upon request

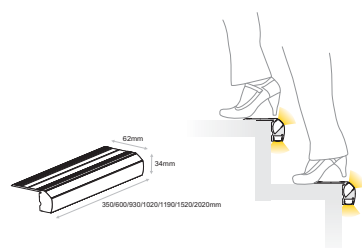
Available upon request:

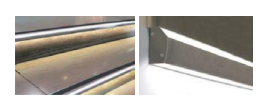
✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

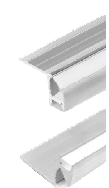
LIGHTSOURCE BY NICHIA — IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
STAIR DUE *(STAIR DUE)*	Anodized Black *(AB)* Anodized Silver *(AS)*	2000K *(20N)* 2500K *(25N)* 2700K *(27N)* 3000K *(30N)* 4000K *(40N)* 5700K *(57N)*	> 80 *(80)*	Milky *(ML)* Milky Satin *(MS)* Ruled *(RL)* Transparent *(TR)*	14W / 35cm *(14W035)* 24.4W / 60cm *(24W060)* 38.5W / 93cm *(38W093)* 42W / 102cm *(42W102)* 49W / 119cm *(49W119)* 63W / 152cm *(63W152)* 84W / 202cm *(84W202)*	24VDC *(24)*

Ordering Code Example:
STAIR DUE-AB-30N-80-ML-63W152-24







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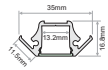
CORNER II

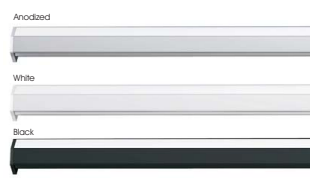
- CORNER II linear luminaire is available with clear, frosted or milky cover.
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- IP40

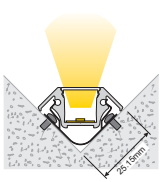
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Available upon request:

✓ *Custom dimensions*
✓ *Custom luminaire colours*





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ELECTRON

LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
CORNER II *(CORNER II)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	80+ *(80)*	10.5W / 53cm *(11W053)* 15.8W / 78cm *(16W078)* 21W / 103cm *(21W103)* 24.5W /119.7cm *(25W120)* 31.5W / 153cm *(32W153)* 42W / 203cm *(42W203)*	Clear *(CL)* Frosted *(FR)* Milky Satin *(MS)*	24VDC *(24)*
		TUNABLE WHITE				
		Colour Temperature	**CRI**	**Watt* / Length**		
		Tunable White 2700K~5700K *(TW)*	80+ *(80)*	10W / 53cm *(10W053)* 15W / 78cm *(15W078)* 20W / 103cm *(20W103)* 25W / 128cm *(25W128)* 30W / 153cm *(30W153)* 40W / 203cm *(40W203)*		
		RGBWW / RGBCW / RGB				
		Colour		**Watt* / Length**		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 84LED/m		13.5W / 53cm *(14W053)* 23.1W / 88.7cm *(23W089)* 27W / 103cm *(27W103)* 32.8W /124.4cm *(33W124)* 40.5W / 153cm *(41W153)* 54W / 203cm *(54W203)*		
		RGBWW *(RGBWW)* RGBCW *(RGBCW)* 60LED/m**		9.7W / 53cm *(10W053)* 15.6W / 83cm *(16W083)* 19.5W / 103cm *(20W103)* 23.4W / 123cm *(23W123)* 29.2W / 153cm *(29W153)* 39W / 203cm *(39W203)*		
		RGB *(RGB96)* 96LED/m		11.5W / 53cm *(12W053)* 20.1W / 90.5cm *(20W091)* 23W / 103cm *(23W103)* 27.3W /121.7cm *(27W122)* 34.5W / 153cm *(35W153)* 46W / 203cm *(46W203)*		
		RGB *(RGB60)* 60LED/m**		7.2W / 53cm *(07W053)* 11.6W / 83cm *(12W083)* 14.5W / 103cm *(15W103)* 17.4W / 123cm *(17W123)* 21.7W / 153cm *(22W153)* 29W / 203cm *(29W203*		
		RGB *(RGB30)* 30LED/m**		3.6W / 53cm *(04W053)* 5.7W / 83cm *(06W083)* 7.2W / 103cm *(07W103)* 8.6W / 123cm *(09W123)* 10.8W / 153cm *(11W153)* 14.4W / 203cm *(14W203)*		12VDC *(12)*

* Available in other colours or/and power upon request.
** The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

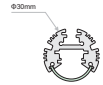
Ordering Code Example: *CORNER II-BL-30-80-25W120-MS-24*

ARTTUBE

Interior Linear

- ARTTUBE linear luminaire is available with 15° or 35° degrees.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



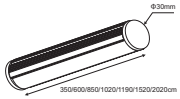
Available upon request:

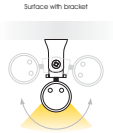
✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

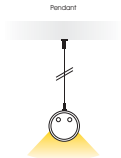
LIGHTSOURCE BY NICHIA | IP40

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARTTUBE Surface *(ARTTUBE SF)*	Anodized *(AN)*	2000K *(20N)*	⩾80 *(80)*	15° *(15)*	7W / 35cm *(07W035)*	24VDC *(24)*
		2500K *(25N)*		35° *(35)*	12.2W / 60cm *(12W060)*	
ARTTUBE Pendant *(ARTTUBE PD)*		2700K *(27N)*		Milky *(ML)*	17.5W / 85cm *(17W085)*	
		3000K *(30N)*		Transparent *(TR)*	21W / 102cm *(21W102)*	
		4000K *(40N)*			24.5W / 119cm *(24W119)*	
		5700K *(57N)*			31.5W / 152cm *(31W152)*	
					42W / 202cm *(42W202)*	

Ordering Code Example: *ARTTUBE SF-AN-30N-80-ML-24W119-24*







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ELECTRON

ARTBAR

Interior Linear

- ARTBAR linear luminaire is available with 15° or 35° degrees.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

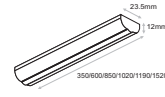
Available upon request:

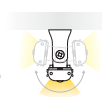
✓ *Custom dimensions*
✓ *Custom luminaire colours*
✓ *Emergency version*

LIGHTSOURCE BY NICHIA | IP40

Model	Luminaire Colour	CCT	CRI	Beam Angle	Watt / Length	Voltage
ARTBAR *(ARTBAR)*	Anodized *(AN)*	2000K *(20N)*	⩾80 *(80)*	15° *(15)*	7W / 35cm *(07W035)*	24VDC *(24)*
		2500K *(25N)*		35° *(35)*	12.2W / 60cm *(12W060)*	
		2700K *(27N)*			17.5W / 85cm *(17W085)*	
		3000K *(30N)*			21W / 102cm *(21W102)*	
		4000K *(40N)*			24.5W / 119cm *(24W119)*	
		5700K *(57N)*			31.5W / 152cm *(31W152)*	
					42W / 202cm *(42W202)*	

Ordering Code Example: *ARTBAR-AN-30N-80-35-24W119-24*





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ELECSYS / ELECSYS QUATRO

- Linear LED lighting with transparent or milky cover.
- Monochromatic or RGBin1 (Common Anode).
- L90/B10 50.000h (for monochromatic models)
- IP40

Monochromatic lighting management options:
- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
- Wireless IR & RF control units.
- DALI Protocol devices.

RGBin1 lighting management options:
- 4 channels DMX controller with 24VDC PWM output.

Available upon request:

√ *Custom dimensions*
√ *Custom luminaire colours*
√ *Emergency version*

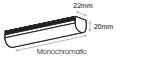
LIGHTSOURCE BY NICHIA for Monochromatic

IP40

Model	Luminaire Colour*	Colour Temperature	CRI	Type	Watt* / Length	Voltage
ELECSYS *(ELECSYS)*	Anodized *(AN)* White *(WH)* Black *(BL)*	2000K *(20)* 2500K *(25)* 2700K *(27)* 3000K *(30)* 4000K *(40)* 5700K *(57)*	>80 *(80)*	Transparent *(TR)* Milky *(ML)*	7W / 36.3cm *(07W036)* 10.5W / 53cm *(11W053)* 17.5W / 86.3cm *(18W086)* 21W / 103cm *(21W103)* 24.5W / 119.7cm *(25W120)* 31.5W / 153cm *(32W153)* 42W / 203cm *(42W203)*	24VDC *(24)*
		TUNABLE WHITE Tunable White 2700K~5700K *(TW)*			6.7W 36.3cm *(07W036)* 10W / 53cm *(10W053)* 15W / 78cm *(15W078)* 20W / 103cm *(20W103)* 25W / 128cm *(25W128)* 30W / 153cm *(30W153)* 40W / 203cm *(40W203)*	
ELECSYS QUATRO *(ELECSYS QUATRO)*		*RGBWIn1* RGBWin1 *(RGBW)*			7.8W / 31cm *(08W031)* 15.6W / 60cm *(16W060)* 21.4W / 81cm *(21W081)* 33.1W / 124cm *(33W124)* 48.6W / 182cm *(49W182)* 53.5W / 197cm *(53W197)*	

* Available in other colours or/and power upon request.

Ordering Code Example: *ELECSYS-AN-30-80-ML-21W103-24*



Monochromatic
363/530/863/1030/1197/1530/2030mm

RGBWin1
310/600/810/1240/1820/1970mm

with Stainless Steel Holder

with Bracket

ELA.008
STAINLESS STEEL HOLDER
(as standard)

ACC.048
BRACKET
(as extra)

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ELECTRON

INTERIOR SYSTEMS

CLICK IT SYSTEM

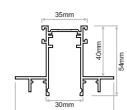
- Click it is an elegant system ideal for highly demanding aesthetically spaces.
- The system is available in surface, pendant and trimless version.
- Flexibility and easiness in the repositioning of the luminaires with a click.
- It is offered with a vast variety of accessories for limitless design in the final layout.
- Click it Spots include: three sized spots, zoom spot, frame and gobo spots.
- Click it Linear luminaires include: linear spots, linear wash, and four sized linear ambient luminaires.
- Click it Tubes include: two sized tubes rotatable 340degrees ensuring an interesting pattern.
- Click it Decorative luminaires include: two pendant cylindrical fixtures, a sphere spot and a pendant sphere.
- The system is offered in 42 PWM Dimmable or Wireless Dimmable or 48 DALI Dimmable.
- Track max amperage 10A.

Click It **Surface** Track

Code	Model	Length	Colour
CLK.013	Click It Surface Track	2m	Black
CLK.014	Click It Surface Track	3m	Black
CLK.016	Click It Surface Track	2m	White
CLK.017	Click It Surface Track	3m	White

Click It **Trimless** Track

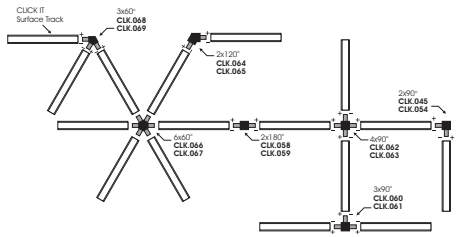
Code	Model	Length	Colour
CLK.001	Click It Trimless Track	2m	Black
CLK.002	Click It Trimless Track	3m	Black
CLK.004	Click It Trimless Track	2m	White
CLK.005	Click It Trimless Track	3m	White



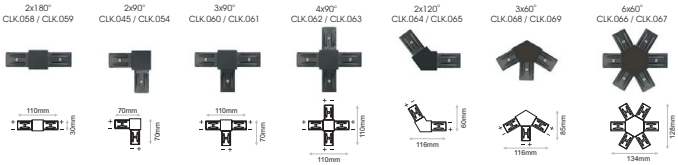
SURFACE POWER CONNECTORS for CLICK IT System

SURFACE

Code*	Description	Colour
CLK.058	2x180 Connector Surface	Black
CLK.059	2x180 Connector Surface	White
CLK.045	2x90 Connector Surface	Black
CLK.054	2x90 Connector Surface	White
CLK.060	3x90 Connector Surface	Black
CLK.061	3x90 Connector Surface	White
CLK.062	4x90 Connector Surface	Black
CLK.063	4x90 Connector Surface	White
CLK.064	2x120 Connector Surface	Black
CLK.065	2x120 Connector Surface	White
CLK.068	3x60 Connector Surface	Black
CLK.069	3x60 Connector Surface	White
CLK.066**	6x60 Connector Surface	Black
CLK.067**	6x60 Connector Surface	White



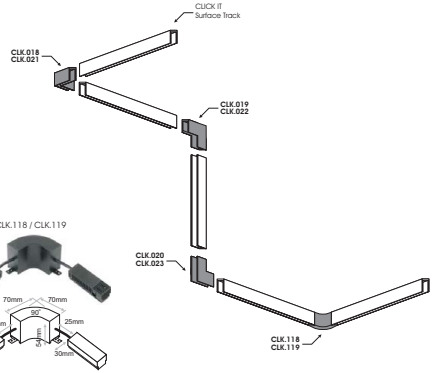
* Surface connector's electrical polarity is as shown. Possibility to change the electrical polarity to meet the geometry requirements of any space.
** CLK.066 / CLK.067 is surface track connector whithout power connectivity.

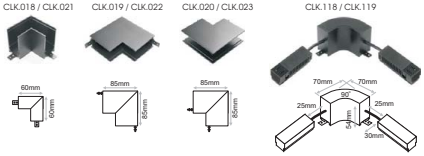


SURFACE PREFABRICATED CORNERS 90° for CLICK IT System

SURFACE

Code	Description	Colour
CLK.018	L CORNER Surface Ceiling to Ceiling	Black
CLK.021	L CORNER Surface Ceiling to Ceiling	White
CLK.019	L CORNER Surface Ceiling to Wall IN	Black
CLK.022	L CORNER Surface Ceiling to Wall IN	White
CLK.020	L CORNER Surface Ceiling to Wall OUT	Black
CLK.023	L CORNER Surface Ceiling to Wall OUT	White
CLK.118	CURVED 90° CORNER for Surface Track	Black
CLK.119	CURVED 90° CORNER for Surface Track	White

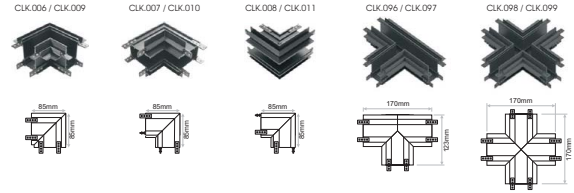


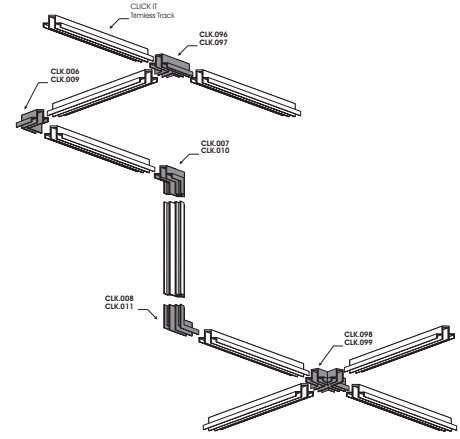


TRIMLESS PREFABRICATED CORNERS 90° for CLICK IT System

TRIMLESS

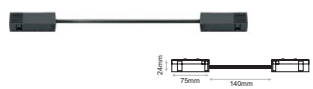
Code	Description	Colour
CLK.006	L CORNER Trimless Ceiling to Ceiling	Black
CLK.009	L CORNER Trimless Ceiling to Ceiling	White
CLK.007	L CORNER Trimless Ceiling to Wall IN	Black
CLK.010	L CORNER Trimless Ceiling to Wall IN	White
CLK.008	L CORNER Trimless Ceiling to Wall OUT	Black
CLK.011	L CORNER Trimless Ceiling to Wall OUT	White
CLK.096	T Connector Trimless	Black
CLK.097	T Connector Trimless	White
CLK.098	+ Connector Trimless	Black
CLK.099	+ Connector Trimless	White

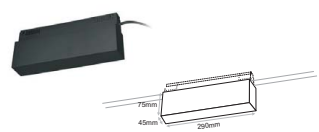


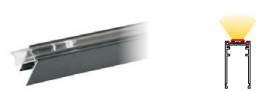


ACCESSORIES for CLICK IT System

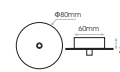
Code	Description	Colour
CLK.024	Live End with 1,5m cable	Black
CLK.025	Live End with 1,5m cable	White
CLK.033	Live End with 0,6m cable	Black
CLK.034	Live End with 0,6m cable	White
CLK.035	Live end no cable / straight connector	Black
CLK.036	Live end no cable / straight connector	White
CLK.038	Adjustable Live Connector for track	Black
CLK.039	Adjustable Live Connector for track	White
CLK.208	Driver Box 150W 42V ND	Black
CLK.211	Driver Box 150W 42V ND	White
CLK.202	Driver Box 150W 42V WIRELESS (CASSAMBI)	Black
CLK.205	Driver Box 150W 42V WIRELESS (CASSAMBI)	White
CLK.029	Black Cover 2m	Black
CLK.030	Black Cover 3m	Black
CLK.103	White Cover 2m	White
CLK.104	White Cover 3m	White
CLK.121	PMMA Transparent Cover for Indirect Lighting 2m	Transparent

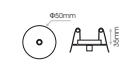


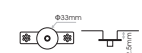


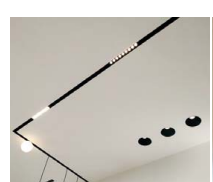


Code	Description	Colour
CLK.031	End Cap Trimless & Surface	Black
CLK.032	End Cap Trimless & Surface	White
CLK.037	Extension Line Connector	Black
CLK.105	Extension Line Connector	White
CLK.935	Luminaire Stop for Vertical Installation	Black
CLK.936	Luminaire Stop for Vertical Installation	White
PRH.082	Canopy Surface BLACK	Black
PRH.039	Canopy Surface WHITE	White
PRH.083	Canopy Recessed BLACK	Black
PRH.040	Canopy Recessed WHITE	White
PRH.084	Canopy Trimless BLACK	Black
PRH.041	Canopy Trimless WHITE	White
ACC.291	Ceiling Suspension Installation 1,5m	
ACC.292	Ceiling Suspension Installation 3m	









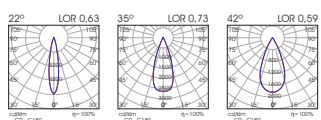
CLICK IT SPOT 22W

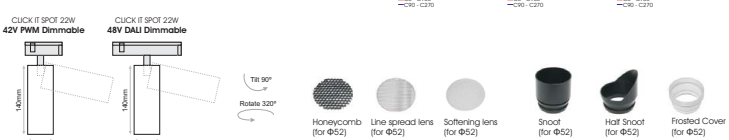
- Click It S22 spot is the highest sized spot of Click It system.
- It is rotatable 320 degrees.
- Available in black or white colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens, snoot, or half snoot
- UGR<19(42°) / UGR<15(35°) / UGR<17(22°)
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
		CRI80						
CLICK IT SPOT 22.3W *(CLICK IT S22)*	2700K *(27C)*	2465lm	Adjustable *(AD)*	80 *(80)*	22° *(22)*	White *(WH)*	42V PWM Dimmable *(DM)*	Standard *(0X)*
	3000K *(30C)*	2651lm			35° *(35)*	Black *(BL)*	48V DALI Dimmable *(DL)*	Honeycomb *(1X)*
	4000K *(40C)*	2837lm			42° *(42)*			Line spread lens *(2X)*
	5000K *(50C)*	2651lm						Softening lens *(3X)*
		CRI90						*(XX)*
	2700K *(27C)*	1850lm		90 *(90)*				***EXTRAS***
	3000K *(30C)*	1901lm						No Extras *(X0)*
	4000K *(40C)*	2125lm						Snoot Black *(X1)*
	5000K *(50C)*	1985lm						Half Snoot Black *(X2)*
								Frosted Cover *(X3)*
								Snoot White *(X4)*
								Half Snoot White *(X5)*

Ordering Code Example: *CLICK IT S22-30C-AD-80-35-WH-DL-00*





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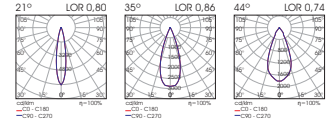
CLICK IT SPOT 18W

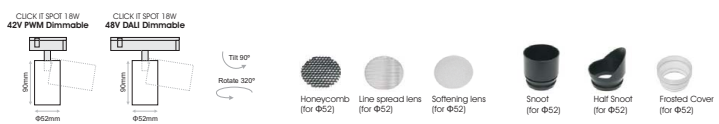
- Click It S18 spot is the middle sized spot of Click It system.
- It is rotatable 320 degrees.
- Available in black or white colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens, snoot, or half snoot.
- UGR<20(44°) / UGR<13(35°) / UGR<15(21°)
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
		CRI80						
CLICK IT SPOT 17.6W *(CLICK IT S18)*	2700K *(27C)*	1518lm	Adjustable *(AD)*	80 *(80)*	21° *(21)*	White *(WH)*	42V PWM Dimmable *(DM)*	Standard *(0X)*
	3000K *(30C)*	1634lm			35° *(35)*	Black *(BL)*	48V DALI Dimmable *(DL)*	Honeycomb *(1X)*
	4000K *(40C)*	1634lm			44° *(44)*			Line spread lens *(2X)*
	5000K *(50C)*	1750lm						Softening lens *(3X)*
		CRI90						*(XX)*
	2700K *(27C)*	1140lm		90 *(90)*				***EXTRAS***
	3000K *(30C)*	1225lm						No Extras *(X0)*
	4000K *(40C)*	1225lm						Snoot Black *(X1)*
	5000K *(50C)*	1310lm						Half Snoot Black *(X2)*
								Frosted Cover *(X3)*
								Snoot White *(X4)*
								Half Snoot White *(X5)*

Ordering Code Example: *CLICK IT S18-30C-AD-80-35-WH-DL-00*





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CLICK IT SPOT 7W

- Click It S7 spot is the smallest in size spot of Click It system.
- It is a miniaturized spot with a diameter of 30mm.
- It is a rotatable 320 degrees.
- Available in black or white colour.
- UGR<21(46°) / UGR<14(32°) / UGR<17(27°)
- L90/B10 50.000h
- 3SDCM

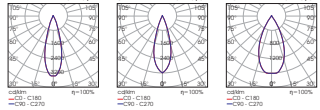
CREE LEDs

Model (LED Power)	CCT	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour	Dimming Option
CLICK IT SPOT 7W *(CLICK IT S7)*	2700K *(27C)*	636lm	545lm	Adjustable *(AD)*	80 *(80)*	27° *(27)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30C)*	682lm	585lm		90 *(90)*	32° *(32)*	Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40C)*	736lm	630lm			46° *(46)*		
	5000K *(50C)*	736lm	630lm					

Ordering Code Example: *CLICK IT S7-30C-AD-80-32-WH-DL*

CLICK IT SPOT 7W
42V PWM Dimmable

CLICK IT SPOT 7W
48V DALI Dimmable



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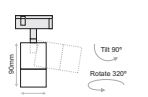
CLICK IT ZOOM SPOT 12W

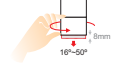
- Click It Zoom spot of Click It system is a flexible spot that allows selection of the beam angle from 16 to 50 degrees.
- It is rotatable 320 degrees.
- Available in black or white colour.
- UGR<19(50°) / UGR<12(16°)
- L90/B10 50.000h
- 3SDCM

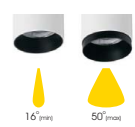
LIGHTSOURCE BY bridgelux

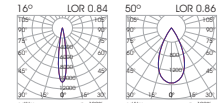
Model (LED Power)	CCT	LED Source 80 *(80)*	LED Source 90 *(90)*	Beam Angle	Type	Colour	Dimming Option
CLICK IT ZOOM SPOT 12W *(CLICK IT ZS12)*	2700K *(27C)*	*1194lm*	*992lm*	Adjustable *(1650)* 16°(min)-50°(max)	Adjustable *(AD)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30C)*	*1257lm*	*1055lm*			Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40C)*	*1307lm*	*1106lm*				

Ordering Code Example: *CLICK IT ZS12-30C-80-1650-AD-WH-DL*









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al2 Showroom, Athens, Greece
Architect: Nikos Gilas

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CLICK IT FRAME SPOT 13W

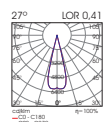
- Click It Zoom Frame is ideal to highlight artwork that requires a lighting frame.
- It is rotatable 320 degrees.
- Available in black or white colour.
- L90/B10 50.000h
- 3SDCM

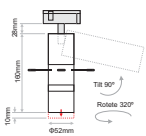
Frame Spot

CREE LEDs

Model (LED Power)	CCT	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour	Dimming Option
CLICK IT FRAME SPOT 12.8W *(CLICK IT FR S13)*	2700K *(27C)*	*1102lm*	*925lm*	Adjustable *(AD)*	80 *(80)*	27° max *(27)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30C)*	*1148lm*	*965lm*		90 *(90)*		Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40C)*	*1211lm*	*1015lm*					
	5000K *(50C)*	*1226lm*	*1030lm*					

Ordering Code Example: *CLICK IT FR S13-30C-AD-80-27-WH-DL*





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CLICK IT GOBO SPOT 13W

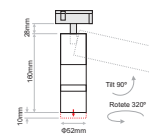
- Click It Zoom Gobo is suitable for applications where a logo, a photo or any other custom projection is required.
- Gobo material: glass
- It is rotatable 320 degrees.
- Available in black or white colour.
- L90/B10 50.000h
- 3SDCM

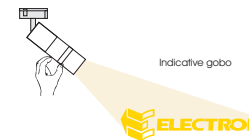
Gobo Spot

CREE LEDs

Model (LED Power)	CCT	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour	Dimming Option
CLICK IT GOBO SPOT 12.8W *(CLICK IT GB S13)*	2700K *(27C)*	*1102lm*	*925lm*	Adjustable *(AD)*	80 *(80)*	27° max *(27)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30C)*	*1148lm*	*965lm*		90 *(90)*		Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40C)*	*1211lm*	*1015lm*					
	5000K *(50C)*	*1226lm*	*1030lm*					

Ordering Code Example: *CLICK IT GB S13-30C-AD-80-WH-DL*





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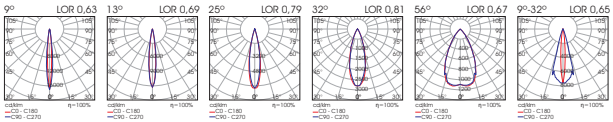
CLICK IT LINEAR SPOT 15W

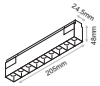
- Click It LS15 is a directional linear luminaire of Click It System.
- Available in black or white colour.
- With a selection of beam angles to meet any lighting requirements.
- Length of 205mm.
- UGR<19(56°) / UGR<14(32°) / UGR<10(25°) / UGR<10(13°) / UGR<10(9°) / UGR<11(9-32°)
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model (LED Power)	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Colour	Dimming Option
		80 *(80)*	90 *(90)*			
CLICK IT LINEAR SPOT 14.9W *(CLICK IT LS15)*	2700K *(27C)*	*1332lm*	*1098lm*	9° *(VN)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30C)*	*1404lm*	*1170lm*	13° *(NR)*	Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40C)*	*1476lm*	*1332lm*	25° *(MD)*		
	5000K *(50C)*	*1476lm*	*1332lm*	32° *(WD)*		
				56° *(VW)*		
				9°-32° Assymetric *(AS)*		

Ordering Code Example: *CLICK IT LS15-30C-80-MD-BL-DL*





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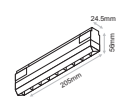
CLICK IT LINEAR WASH 14W

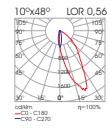
- Click It LW14 is a linear wash luminaire of Click It System.
- Available in black or white colour.
- With a beam angle of 10x48 degrees.
- Length of 205mm.
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model (LED Power)	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Colour	Dimming Option
		80 *(80)*	90 *(90)*			
CLICK IT LINEAR WASH 14W *(CLICK IT LW14)*	2700K *(27C)*	*1250lm*	*1026lm*	10°x48° *(1048)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30C)*	*1332lm*	*1098lm*		Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40C)*	*1404lm*	*1250lm*			
	5000K *(50C)*	*1404lm*	*1250lm*			

Ordering Code Example: *CLICK IT LW14-30C-80-1048-BL-DM*





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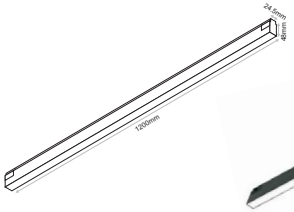
CLICK IT AMBIENT 35W

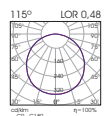
- Click It A35 spot is the largest sized available linear ambient luminaire of Click It system.
- Available in black or white colour.
- Beam angle of 115 degrees and length of 1200mm
- L90/810 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour	Dimming Option
CLICK IT AMBIENT 34.6W *(CLICK IT A35)*	2700K *(27B)*	*5525lm*	*4144lm*	Fixed *(FX)*	80 *(80)*	115° *(115)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30B)*	*5860lm*	*4395lm*		90 *(90)*		Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40B)*	*6165lm*	*4624lm*					
	5000K *(50B)*	*6165lm*	*4624lm*					

Ordering Code Example: *CLICK IT A35-30B-FX-80-115-WH-DL*





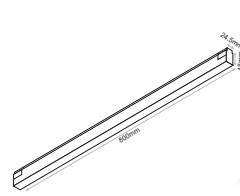
CLICK IT AMBIENT 25W

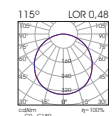
- Click It A25 spot is the larger mid-sized available linear ambient luminaire of Click It system.
- Available in black or white colour.
- Beam angle of 115 degrees and length of 800mm.
- L90/810 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour	Dimming Option
CLICK IT AMBIENT 24.8W *(CLICK IT A25)*	2700K *(27B)*	*3960lm*	*2970lm*	Fixed *(FX)*	80 *(80)*	115° *(115)*	White *(WH)*	42V PWM Dimmable *(DM)*
	3000K *(30B)*	*4200lm*	*3150lm*		90 *(90)*		Black *(BL)*	48V DALI Dimmable *(DL)*
	4000K *(40B)*	*4440lm*	*3330lm*					
	5000K *(50B)*	*4440lm*	*3330lm*					

Ordering Code Example: *CLICK IT A25-30B-FX-80-115-WH-DL*





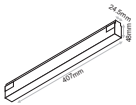
CLICK IT AMBIENT 12W

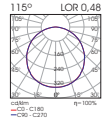
- Click It A25 spot is the smaller mid-sized available linear ambient luminaire of Click It system.
- Available in black or white colour.
- Beam angle of 115 degrees and length of 407mm.
- L90/810 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT	LED Source		Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80	CRI90					
CLICK IT AMBIENT 12.4W *(CLICK IT A12)*	2700K *(27B)*	*1980lm*	*1485lm*	Fixed *(FX)*	80 *(80)* 90 *(90)*	115° *(115)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*
	3000K *(30B)*	*2100lm*	*1575lm*					
	4000K *(40B)*	*2220lm*	*1665lm*					
	5000K *(50B)*	*2220lm*	*1665lm*					

Ordering Code Example: *CLICK IT A12-30B-FX-80-115-WH-DL*





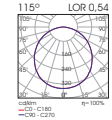
CLICK IT AMBIENT 9W

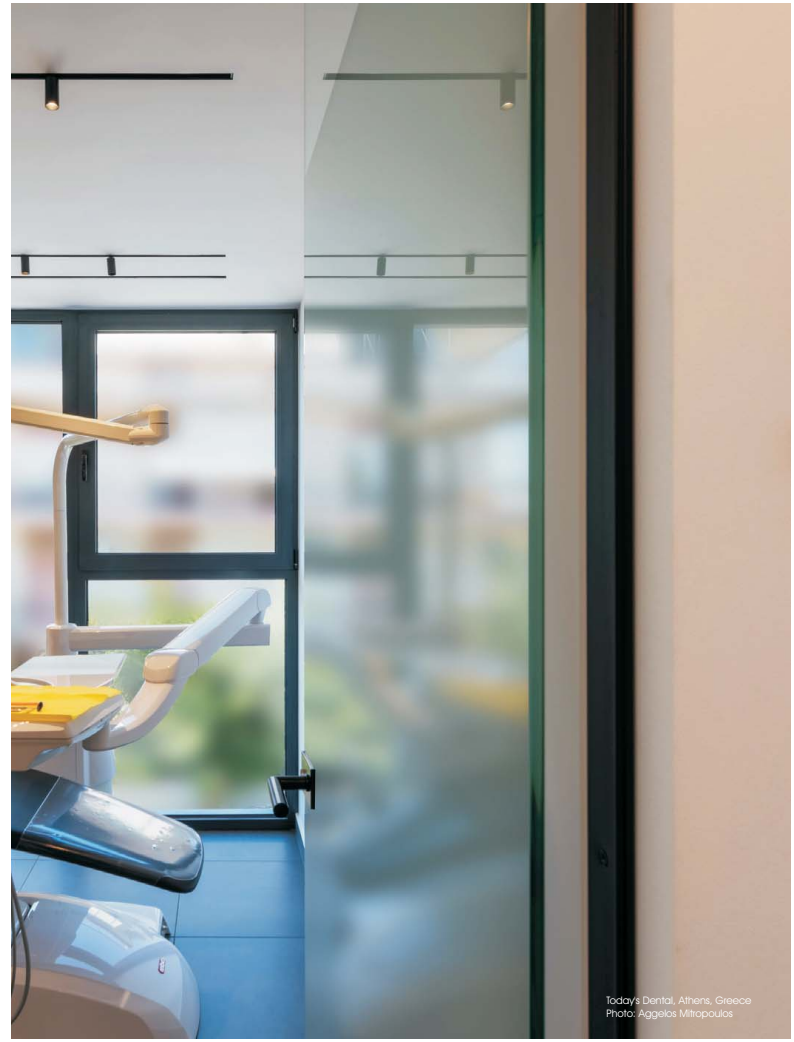
- Click It A9 spot is the smallest sized available linear ambient luminaire of Click It system.
- Available in black or white colour.
- Beam angle of 115 degrees and length of 205mm.
- L90/810 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT	LED Source		Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80	CRI90					
CLICK IT AMBIENT 9.2W *(CLICK IT A9)*	2700K *(27B)*	*990lm*	*740lm*	Fixed *(FX)*	80 *(80)* 90 *(90)*	115° *(115)*	White *(WH)* Black *(BL)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*
	3000K *(30B)*	*1050lm*	*790lm*					
	4000K *(40B)*	*1110lm*	*830lm*					
	5000K *(50B)*	*1110lm*	*830lm*					

Ordering Code Example: *CLICK IT A9-30B-FX-80-115-WH-DL*





Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

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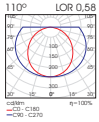
CLICK IT TUBE 30W

- Click it T30 is the large sized linear tube of Click it system.
- It is rotatable 340degree creating an interesting pattern.
- Available in black or white colour.
- With a length of 1200mm.
- L90/B10 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Length	Dimming Option
		CRI90					
CLICK IT TUBE 30.1W *(CLICK IT T30)*	2700K *(27B)*	*3189lm*	Adjustable *(AD)*	90 *(90)*	110° *(110)*	1200mm *(1200)*	42V PWM Dimmable *(DM)*
	3000K *(30B)*	*3420lm*					48V DALI Dimmable *(DL)*
	4000K *(40B)*	*3690lm*					
	5000K *(50B)*	*3690lm*					

Ordering Code Example: *CLICK IT T30-30B-AD-90-110-1200-DL*



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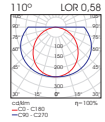
CLICK IT TUBE 23W

- Click it T23 is the small sized linear tube of Click it system.
- It is rotatable 340degree creating an interesting pattern.
- Available in black or white colour.
- With a length of 8000mm.
- L90/B10 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Length	Dimming Option
		CRI90					
CLICK IT TUBE 22.7W *(CLICK IT T23)*	2700K *(27B)*	*1843lm*	Adjustable *(AD)*	90 *(90)*	110° *(110)*	800mm *(800)*	42V PWM Dimmable *(DM)*
	3000K *(30B)*	*1976lm*					48V DALI Dimmable *(DL)*
	4000K *(40B)*	*2132lm*					
	5000K *(50B)*	*2132lm*					

Ordering Code Example: *CLICK IT T23-30B-AD-90-110-800-DL*



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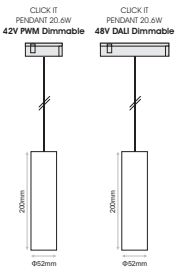
CLICK IT PENDANT 21W

- Click It PD21 is a cylindrical decorative luminaire of Click it system.
- Available in black or white colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens, snoot, or half snoot.
- L90/B10 50.000h
- 3SDCM



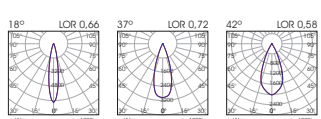
CREE LEDs

Model (LED Power)	CCT	LED Source 80 (80)	LED Source 90 (90)	Beam Angle	Colour	Dimming Option	Accessories
CLICK IT PENDANT 20.6W (CLICK IT PD21)	2700K (27C)	2147lm	1610lm	18° (18)	White (WH)	42V PWM Dimmable (DM)	Standard (0X)
	3000K (30C)	2309lm	1730lm	37° (37)	Black (BL)	48V DALI Dimmable (DL)	Honeycomb (1X)
	4000K (40C)	2379lm	1785lm	42° (42)			Line spread lens (2X)
	5000K (50C)	2309lm	1730lm				Softening lens (3X)

(XX)

EXTRAS
- No Extras (X0)
- Snoot Black (X1)
- Half Snoot Black (X2)
- Frosted Cover (X3)
- Snoot White (X4)
- Half Snoot White (X5)

Ordering Code Example: CLICK IT PD21-30C-80-37-WH-DL-00



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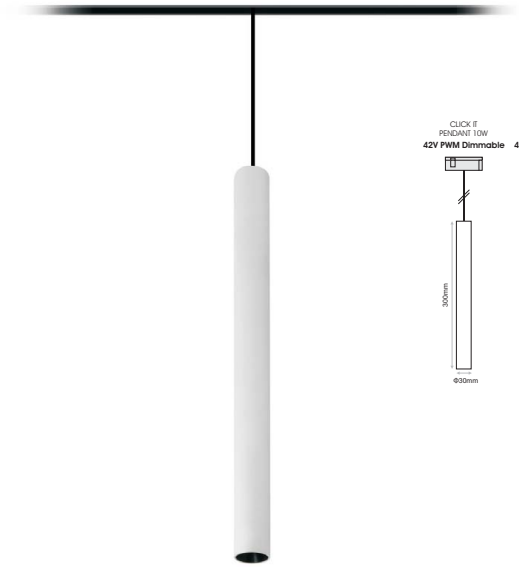
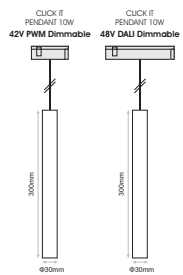
CLICK IT PENDANT 10W

- Click It PD10 is a small sized cylindrical decorative luminaire of Click it system.
- Available in black or white colour.
- UGR<22(46°) / UGR<18(32°) / UGR<18(27°)
- L90/B10 50.000h
- 3SDCM

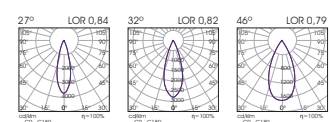




CREE LEDs

Model (LED Power)	CCT	LED Source 80 (80)	LED Source 90 (90)	Beam Angle	Colour	Dimming Option
CLICK IT PENDANT 10W (CLICK IT PD10)	2700K (27C)	767lm	575lm	27° (27)	White (WH)	42V PWM Dimmable (DM)
	3000K (30C)	823lm	615lm	32° (32)	Black (BL)	48V DALI Dimmable (DL)
	4000K (40C)	888lm	710lm	46° (46)		
	5000K (50C)	888lm	710lm			

Ordering Code Example: CLICK IT PD10-30C-80-32-WH-DL



CLICK IT SPHERE SPOT 5W

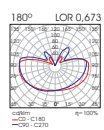
- Click It SPH SP5 is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in black or white colour.
- L90/B10 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80					
CLICK IT SPHERE SPOT 4.5W *(CLICK IT SPH SP5)*	2700K *(27)* 3000K *(30)*	*348lm* *374lm*	Fixed *(FX)*	80 *(80)*	180° *(180)*	Black *(BL)* White *(WH)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in 4000K & 5000K upon request.

Ordering Code Example: CLICK IT SPH SP5-30B-FX-80-180-BL-DL



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CLICK IT SPHERE PENDANT 5W

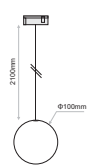
- Click It SPH PD5 is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in black or white colour.
- L90/B10 50.000h
- 3SDCM

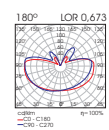
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
		CRI80					
CLICK IT SPHERE PENDANT 4.5W *(CLICK IT SPH PD5)*	2700K *(27)* 3000K *(30)*	*348lm* *374lm*	Fixed *(FX)*	80 *(80)*	180° *(180)*	Black *(BL)* White *(WH)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in 4000K & 5000K upon request.

Ordering Code Example: CLICK IT SPH PD5-30B-FX-80-180-BL-DL





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CLICK IT PENDANT V 12W

Interior Systems

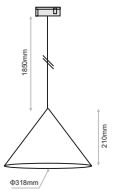
- Click It PD V is a decorative pendant V shaped luminaire of Click It System.
- Available in black, white or gold colour (Inner shade: white).
- Diameter of 318mm.
- L90/B10 50.000h
- 3SDCM

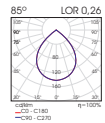
LIGHTSOURCE BY bridgelux

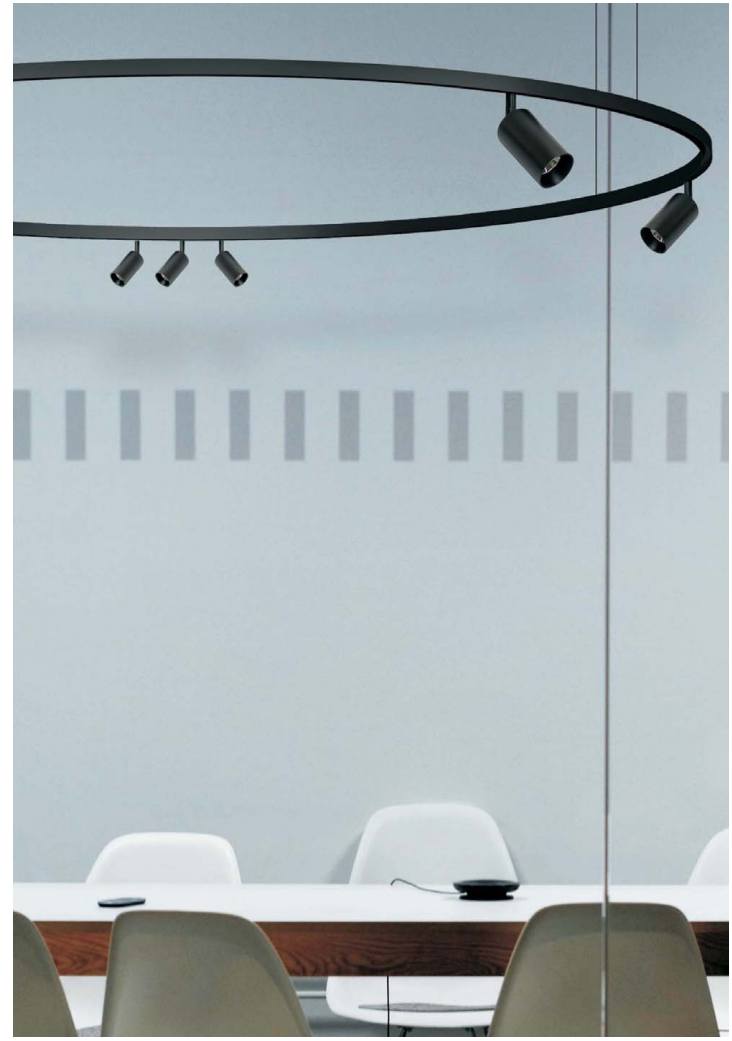
Model	Watt	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
CLICK IT PENDANT V *(CLICK IT PD V)*	12.3W *(12)*	2700K *(278)* 3000K *(308)* 4000K *(408)*	*1365lm* *1515lm* *1635lm*	Fixed *(FX)*	90 *(90)*	85° *(85)*	Black *(BL)* White *(WH)* Gold *(GD)*	42V PWM Dimmable *(DM)* 48V DALI Dimmable *(DL)*

* Available also in 5000K upon request.

Ordering Code Example: *CLICK IT PD V-12-30B-FX-90-85-BL-DL*







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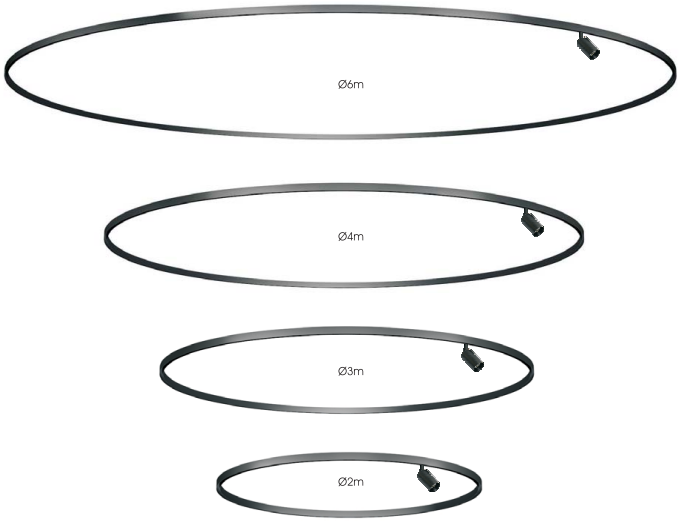
CLICK IT ROUND

- Click It Round consists of Round shaped luminaires for highly demanding architectural spaces.
- Suitable for surface or pendant applications.
- It is available only in specific diameters of 2,3,4 and 6meters.
- It is available in white or black colour.
- 48V PWM Dimmable.
- Track max amperage 10A

Click It Round **Surface** / **Pendant** Track

Code	Model	Diameter	Colour
CLK.159	Click It Round Surface Track	Ø2m	Black
CLK.160	Click It Round Surface Track	Ø3m	Black
CLK.161	Click It Round Surface Track	Ø4m	Black
CLK.162	Click It Round Surface Track	Ø6m	Black
CLK.155	Click It Round Surface Track	Ø2m	White
CLK.156	Click It Round Surface Track	Ø3m	White
CLK.157	Click It Round Surface Track	Ø4m	White
CLK.158	Click It Round Surface Track	Ø6m	White



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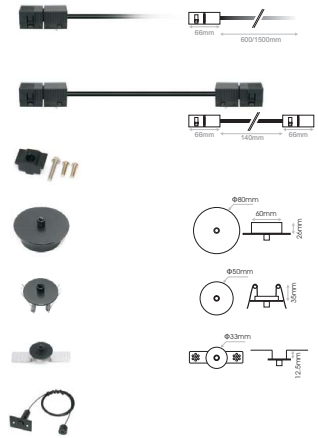
Interior Systems

ACCESSORIES
for CLICK IT Round System

Code	Description	Colour
CLK.177	Live End with 1,5m cable	Black
CLK.178	Live End with 1,5m cable	White
CLK.179	Live End with 0,6m cable	Black
CLK.180	Live End with 0,6m cable	White
CLK.181	Adjustable Live Connector for track	Black
CLK.182	Adjustable Live Connector for track	White
CLK.183	Connector / surface mounted accessory	Black
CLK.184	Connector / surface mounted accessory	White
PRH.082	Canopy Surface BLACK	Black
PRH.039	Canopy Surface WHITE	White
PRH.083	Canopy Recessed BLACK	Black
PRH.040	Canopy Recessed WHITE	White
PRH.084	Canopy Trimless BLACK	Black
PRH.041	Canopy Trimless WHITE	White
ACC.185	Ceiling Suspension Installation 1.5m	Black
ACC.186	Ceiling Suspension Installation 1.5m	White



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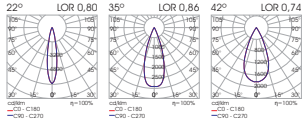
CLICK IT CURVED SPOT 14W & 7W

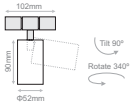
- Click It CS14 and CS7 spots consist of the large sized spot of Click It Round luminaires.
- Rotatable 320 degrees.
- Available in black or white colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens, snoot, or half snoot.
- CS7 : UGR<15(42°) / UGR<11(35°) / UGR<14(22°)
- CS14: UGR<17(42°) / UGR<13(35°) / UGR<16(22°)
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model (LED Power)	CCT	LED Source 80 (80)	LED Source 90 (90)	Beam Angle	Type	Colour	Dimming Option	Accessories
CLICK IT CURVED SPOT 13.5W (CLICK IT CS14)	2700K (27C)	1670lm	1250lm	22° (22)	Adjustable (AD)	White (WH)	48V PWM Dimmable (DM)	Standard (00)
	3000K (30C)	1670lm	1250lm	35° (35)		Black (BL)		Honeycomb (14)
	4000K (40C)	1796lm	1345lm	42° (42)				Line spread lens (24)
	5000K (50C)	1796lm	1345lm					Softening lens (34)
CLICK IT CURVED SPOT 7.1W (CLICK IT CS7)	2700K (27C)	890lm	665lm					(XX)
	3000K (30C)	890lm	665lm					EXTRAS
	4000K (40C)	958lm	720lm					No Extras (00)
	5000K (50C)	958lm	720lm					Snoot Black (01)
								Half Snoot Black (02)
								Frosted Cover (03)
								Snoot White (04)
								Half Snoot White (05)

Ordering Code Example: CLICK IT CS14-30C-80-42-AD-BL-DM-00





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CLICK IT CURVED SPOT 4W

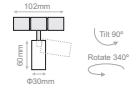
- Click It CS4 spot consists of the small sized spot of Click It Round luminaires.
- It is a miniaturized spot with a diameter of 30mm.
- Rotatable 320 degrees.
- Available in black or white colour.
- UGR<20(46°) / UGR<13(32°) / UGR<15(27°)
- L90/B10 50.000h
- 3SDCM

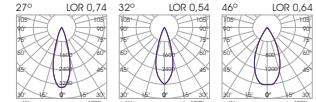
CREE LEDs

Model (LED Power)	CCT	LED Source 80 (80)	LED Source 90 (90)	Beam Angle	Type	Colour	Dimming Option
CLICK IT CURVED SPOT 4.3W (CLICK IT CS4)	2700K (27C)	427lm	360lm	27° (27)	Adjustable (AD)	White (WH)	48V PWM Dimmable (DM)
	3000K (30C)	427lm	360lm	32° (32)		Black (BL)	
	4000K (40C)	461lm	390lm	46° (46)			
	5000K (50C)	461lm	390lm				

* Available also in CRI90 upon request.

Ordering Code Example: CLICK IT CS4-30C-80-46-AD-BL-DM





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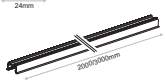
NANO SYSTEM

- Nano is a new miniaturized system suitable for highly demanding spaces.
- The system is suitable for surface, pendant, recessed and trimless application.
- Flexibility and easiness in the repositioning of the luminaires.
- It is offered with a variety of accessories.
- Nano system includes: Nano spots, Nano linear spots and Nano linear ambient luminaires.
- Maximum load per system: 80W
- The system is offered in 48 DALI Dimmable or Wireless Dimmable.
- The PWM dimming frequency must be 15kHz or higher.
- Curved tracks cannot have luminaires on.

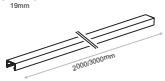
NANO **Recessed** Track

Code	Model	Length	Colour
NAN.041	NANO Recessed Track	2m	Black
NAN.042	NANO Recessed Track	3m	Black
NAN.043	NANO Recessed Track	2m	White
NAN.044	NANO Recessed Track	3m	White



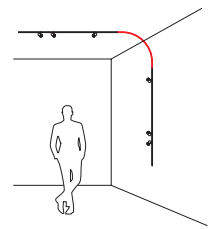
NANO **Surface** Track

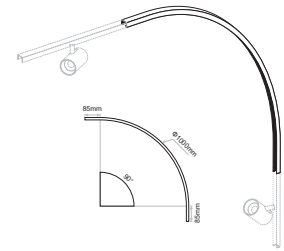
Code	Model	Length	Colour
NAN.001	NANO Surface Track	2m	Black
NAN.002	NANO Surface Track	3m	Black
NAN.003	NANO Surface Track	2m	White
NAN.004	NANO Surface Track	3m	White



NANO **Surface Curved Vertical** Track

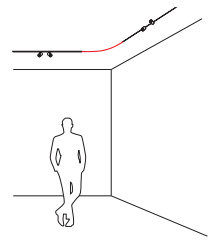
Code	Model	Colour
NAN.050	NANO Surface Curved Vertical Track	Black
NAN.051	NANO Surface Curved Vertical Track	White

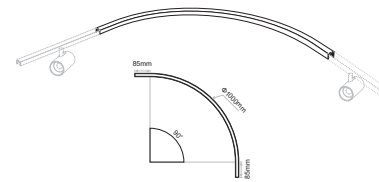




NANO **Surface Curved Horizontal** Track

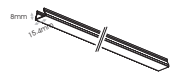
Code	Model	Colour
NAN.052	NANO Surface Curved Horizontal Track	Black
NAN.053	NANO Surface Curved Horizontal Track	White

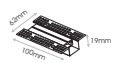




Accessories for NANO System

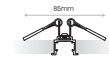
Code	Description	Colour
NAN.005	Black Cover 2m	Black
NAN.006	Black Cover 3m	Black
NAN.007	White Cover 2m	White
NAN.008	White Cover 3m	White
NAN.009	Live End with 0.3m cable	Black
NAN.010	Live End with 0.3m cable	White
NAN.011	Adjustable Live Connector for track	Black
NAN.012	Adjustable Live Connector for track	White
NAN.015	Extension Line Connector	Black
NAN.016	Extension Line Connector	White
NAN.023	Accessory for Trimless Installation	Black
NAN.024	Accessory for Trimless Installation	White
ACC.086	Ceiling Suspension Installation 1,5m	
ACC.233	Ceiling Suspension Installation 3m	





Accessories for NANO **Recessed**

Code	Description	Colour
NAN.045	End Cap for Recessed track	Black
NAN.046	End Cap for Recessed track	White
NAN.049	Spring for NANO track Recessed	
NAN.054	L CORNER Recessed Ceiling to Ceiling	Black
NAN.055	L CORNER Recessed Ceiling to Ceiling	White
NAN.056	L CORNER Recessed Ceiling to Wall OUT	Black
NAN.057	L CORNER Recessed Ceiling to Wall OUT	White
NAN.058	L CORNER Recessed Ceiling to Wall IN	Black
NAN.059	L CORNER Recessed Ceiling to Wall IN	White



Accessories for NANO **Surface**

Code	Description	Colour
NAN.013	End Cap for Surface track	Black
NAN.014	End Cap for Surface track	White
NAN.017	L CORNER Surface Ceiling to Ceiling	Black
NAN.018	L CORNER Surface Ceiling to Ceiling	White
NAN.019	L CORNER Surface Ceiling to Wall OUT	Black
NAN.020	L CORNER Surface Ceiling to Wall OUT	White
NAN.021	L CORNER Surface Ceiling to Wall IN	Black
NAN.022	L CORNER Surface Ceiling to Wall IN	White

NANO SPOT 4W & 6W

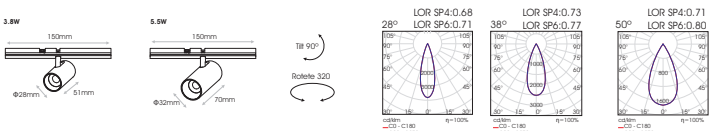
Interior Systems

- Nano SP are two miniaturized spots of Nano System.
- Available in 4 and 6Watt.
- Rotatable 320 degrees.
- Available in black or white colour.
- UGR<16(50°) / UGR<13(38°) / UGR<11(28°)
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model (LED Power)	Watt	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
NANO SPOT *(NANO SP)*	3.8W *(04)*	2700K *(27C)*	*460lm*	*370lm*	28° *(28)*	Adjustable *(AD)*	White *(WH)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	*460lm*	*400lm*	38° *(38)*		Black *(BL)*	
		4000K *(40C)*	*500lm*	*430lm*	50° *(50)*			
		5000K *(50C)*	*500lm*	*460lm*				
	5.5W *(06)*	2700K *(27C)*	*670lm*	*540lm*				
		3000K *(30C)*	*670lm*	*575lm*				
		4000K *(40C)*	*720lm*	*625lm*				
		5000K *(50C)*	*720lm*	*670lm*				

Ordering Code Example: *NANO SP-04-30C-90-38-AD-WH-DM*



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Interior Systems

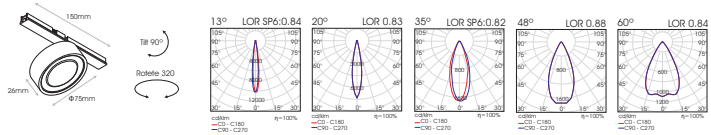
NANO SPOT RD 7W

- Nano SP RD is an elegant flat round luminaire of Nano System.
- It is a rotatable 320 degrees.
- Available in black or white colour.
- UGR<18(60°) / UGR<17(48°) / UGR<19(35°) / UGR<18(20°) / UGR<15(13°)
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model (LED Power)	Watt	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
NANO SPOT ROUND *(NANO SP RD)*	6.7W *(07)*	2700K *(27C)*	*820lm*	*660lm*	13° *(13)*	Adjustable *(AD)*	White *(WH)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	*820lm*	*705lm*	20° *(20)*		Black *(BL)*	
		4000K *(40C)*	*885lm*	*760lm*	35° *(35)*			
		5000K *(50C)*	*885lm*	*820lm*	48° *(48)*			
					60° *(60)*			

Ordering Code Example: *NANO SP RD-07-30C-90-48-AD-BL-DM*



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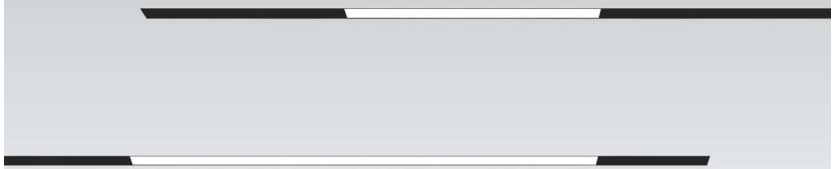
NANO AMBIENT 7W & 13W

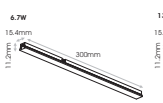


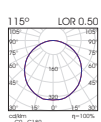
- Nano A consists of two linear ambient luminaire of Nano system.
- Available in black or white colour.
- With a length of 300 or 600mm.
- L90/B10 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux

Model (LED Power)	Watt	CCT	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			90 *(90)*				
NANO AMBIENT *(NANO A)*	6.7W *(07)*	2700K *(27B)*	*615lm*	115° *(115)*	Fixed *(FX)*	White *(WH)*	48V PWM Dimmable *(DM)*
		3000K *(30B)*	*620lm*			Black *(BL)*	
		4000K *(40B)*	*630lm*				
		5000K *(50B)*	*630lm*				
	13.4W *(13)*	2700K *(27B)*	*1030lm*				
		3000K *(30B)*	*1040lm*				
		4000K *(40B)*	*1060lm*				
		5000K *(50B)*	*1060lm*				

Ordering Code Example: *NANO A-13-30B-90-115-FX-BL-DM*





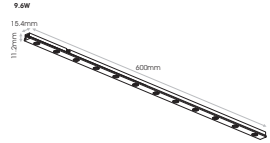
NANO LINEAR SPOT 5W & 10W

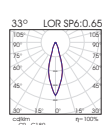
- NANO LS consists of two directional linear luminaires of Nano System.
- Available in black or white colour.
- Available in 33 degrees.
- With a length of 300 or 600mm.
- UGR < 10(33°)
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model (LED Power)	Watt	CCT	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			90 *(90)*				
NANO LINEAR SPOT *(NANO LS)*	4.8W *(05)*	2700K *(27C)*	*460lm*	33° *(33)*	Fixed *(FX)*	White *(WH)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	*460lm*			Black *(BL)*	
		4000K *(40C)*	*470lm*				
		5000K *(50C)*	*480lm*				
	9.6W *(10)*	2700K *(27C)*	*920lm*				
		3000K *(30C)*	*920lm*				
		4000K *(40C)*	*960lm*				
		5000K *(50C)*	*970lm*				

Ordering Code Example: *NANO LS-10-30C-90-33-FX-BL-DM*



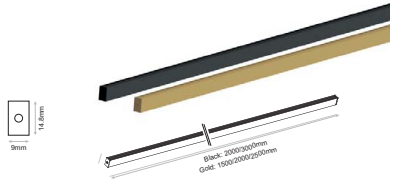


RAIL SYSTEM

- Rail is a new elegant system suitable for highly demanding spaces.
- The system is suitable for surface and pendant application.
- Flexibility and easiness in the repositioning of the luminaires.
- Rail system includes: Fixed and adjustable spots, linear directional and ambient luminaires, decorative sphere and acrylic spots.
- Maximum load per system: 280W
- The system is offered in 48Vdc PWM Dimmable or Wireless Dimmable.

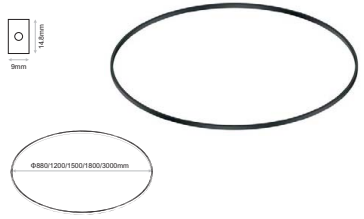
RAIL Track

Code	Model	Length	Colour
RAL.001	Rail Surface Track	2m	Black
RAL.002	Rail Surface Track	3m	Black
RAL.000	Rail Surface Track	1.5m	Gold
RAL.003	Rail Surface Track	2m	Gold
RAL.004	Rail Surface Track	2.5m	Gold



RAIL Circle Track

Code	Model	Diameter	Colour
RAL.005	Rail Circle Track	0.88m	Black
RAL.006	Rail Circle Track	0.88m	Gold
RAL.007	Rail Circle Track	1.20m	Black
RAL.008	Rail Circle Track	1.20m	Gold
RAL.009	Rail Circle Track	1.50m	Black
RAL.010	Rail Circle Track	1.50m	Gold
RAL.011	Rail Circle Track	1.80m	Black
RAL.012	Rail Circle Track	1.80m	Gold
RAL.036	Rail Circle Track	3.00m	Black
RAL.037	Rail Circle Track	3.00m	Gold



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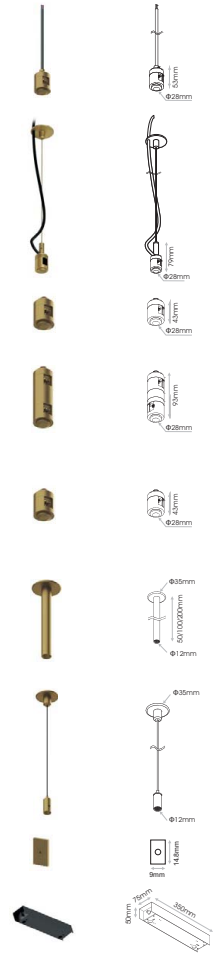
Accessories for RAIL System

Code	Description	Colour
RAL.015	Live with cable 0.6m	Black
RAL.016	Live with cable 0.6m	Gold
RAL.038	Live with cable & Ceiling Suspension installation 2m	Black
RAL.039	Live with cable & Ceiling Suspension installation 2m	Gold
RAL.017	Track holder	Black
RAL.018	Track holder	Gold
RAL.019	Live Adjustable track holder	Black
RAL.020	Live Adjustable track holder	Gold
RAL.021	Adjustable track holder	Black
RAL.022	Adjustable track holder	Gold
RAL.023	90° Live connector	Black
RAL.024	90° Live connector	Gold
RAL.025	120° Live connector	Black
RAL.026	120° Live connector	Gold
RAL.027	Pole bracket H:50mm	Black
RAL.028	Pole bracket H:50mm	Gold
RAL.029	Pole bracket H:100mm	Black
RAL.030	Pole bracket H:100mm	Gold
RAL.031	Pole bracket H:200mm	Black
RAL.032	Pole bracket H:200mm	Gold
RAL.033	Ceiling Suspension installation 2m	Black
RAL.034	Ceiling Suspension installation 2m	Gold
RAL.013	End cap for Rail Surface track	Black
RAL.014	End cap for Rail Surface track	Gold
RAL.035	Rail Driver Box	Black



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RAIL SPOT 4W & 10W

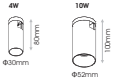
Interior Systems

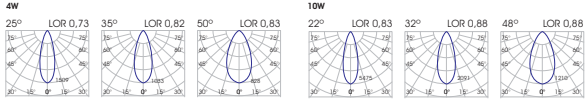
- Rail SP consists of two sized spots with a diameter of Φ30mm and Φ52mm.
- Luminaire body material: aluminium.
- Available in gold or black colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens.
- Rail spot 4W UGR<19(50°) / UGR<10(35°) / UGR<10(25°)
- Rail spot 10W UGR<21(40°) / UGR<14(34°) / UGR<17(18°)
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Colour	Dimming Option	Accessories
			80 *(80)*	90 *(90)*					
RAIL SPOT *(RAIL SP)*	3.8W *(04)*	2700K *(27C)*	*485lm*	*390lm*	25° *(25)*	Fixed *(FX)*	Gold *(GD)*	48V PWM Dimmable *(DM)*	Standard *(0)*
		3000K *(30C)*	*485lm*	*420lm*	35° *(35)*		Black *(BL)*		Honeycomb *(1)*
		4000K *(40C)*	*520lm*	*450lm*	50° *(50)*				Line spread lens *(2)*
		5000K *(50C)*	*525lm*	*485lm*					Softening lens *(3)*
	9.5W *(10)*	2700K *(27C)*	*1190lm*	*965lm*	22° *(22)*				
		3000K *(30C)*	*1195lm*	*1035lm*	32° *(32)*				
		4000K *(40C)*	*1280lm*	*1115lm*	48° *(48)*				
		5000K *(50C)*	*1285lm*	*1120lm*					

Ordering Code Example: *RAIL SP-04-30C-90-38-FX-BL-DM-0*





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Interior Systems

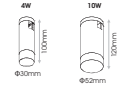
RAIL ACRYLIC 4W & 10W

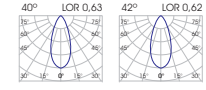
- Rail AC consists of two sized spots with a diameter of Φ30mm and Φ52mm.
- Luminaire body material: aluminium with acrylic ending.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
RAIL ACRYLIC *(RAIL AC)*	3.8W *(04)*	2700K *(27C)*	*485lm*	*390lm*	Diffused *(DF)*	Fixed *(FX)*	Gold *(GD)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	*485lm*	*420lm*			Black *(BL)*	
		4000K *(40C)*	*520lm*	*450lm*				
		5000K *(50C)*	*525lm*	*485lm*				
	9.5W *(10)*	2700K *(27C)*	*1190lm*	*965lm*				
		3000K *(30C)*	*1195lm*	*1035lm*				
		4000K *(40C)*	*1280lm*	*1115lm*				
		5000K *(50C)*	*1285lm*	*1120lm*				

Ordering Code Example: *RAIL AC-04-30C-90-DF-FX-BL-DM*





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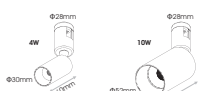
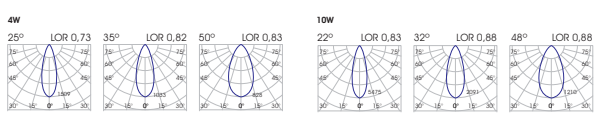
RAIL
SPOT ADJ 4W & 10W

- Rail SB consists of two sized spots with bracket and a diameter of Φ30mm and Φ52mm.
- Luminaire body material: aluminium.
- Available in gold or black colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens.
- Rail spot 4W UGR<19(50°) / UGR<10(35°) / UGR<10(25°)
- Rail spot 10W UGR<15(48°) / UGR<10(32°) / UGR<10(22°)
- L90/B10 50.000h
- 3SDCM

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
			80 *(80)*	90 *(90)*					
RAIL SPOT BRACKET *(RAIL SB)*	3.8W *(04)*	2700K *(27C)*	485lm	390lm	25° *(25)*	Adjustable *(AD)*	Gold *(GD)*	48V PWM Dimmable *(DM)*	Standard *(0)*
		3000K *(30C)*	485lm	420lm	35° *(35)*		Black *(BL)*		Honeycomb *(1)*
		4000K *(40C)*	520lm	450lm	50° *(50)*				Line spread lens *(2)*
		5000K *(50C)*	525lm	485lm					Softening lens *(3)*
	9.5W *(10)*	2700K *(27C)*	1190lm	965lm	22° *(22)*				
		3000K *(30C)*	1195lm	1035lm	32° *(32)*				
		4000K *(40C)*	1280lm	1115lm	48° *(48)*				
		5000K *(50C)*	1285lm	1120lm					

Ordering Code Example: *RAIL SB-04-30C-90-25-AD-BL-DM-1*



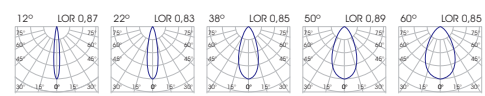


RAIL
SPOT ROUND 6W

- Rail SP RD consists of a round elegant luminaire with a diameter of Φ75mm and 26mm width.
- Luminaire body material: aluminium.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
RAIL SPOT Round *(RAIL SP RD)*	6W *(06)*	2700K *(27C)*	660lm	530lm	12° *(12)*	Adjustable *(AD)*	Gold *(GD)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	660lm	570lm	22° *(22)*		Black *(BL)*	
		4000K *(40C)*	710lm	615lm	38° *(38)*			
		5000K *(50C)*	715lm	660lm	50° *(50)*			
					60° *(60)*			

Ordering Code Example: *RAIL SP RD-04-30C-90-38-AD-BL-DM*



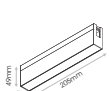
RAIL
AMBIENT 5W

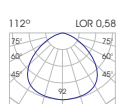
- Rail A is the linear ambient luminaire of Rail system.
- Luminaire body material: aluminium.
- Available in gold or black colour.
- Only suitable in straight track.
- Beam angle of 112degrees .
- Length of 205mm.
- L90/B10 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 (80)	90 (90)				
RAIL AMBIENT (RAIL A)	5W (05)	2700K (27B)	450lm	405lm	112° (112)	Fixed (FX)	Gold (GD)	48V PWM Dimmable (DM)
		3000K (30B)	470lm	425lm			Black (BL)	
		4000K (40B)	500lm	450lm				
		5000K (50B)	505lm	455lm				

Ordering Code Example: RAIL A-04-30B-90-112-FX-BL-DM





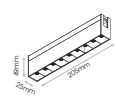
RAIL
LINEAR SPOT 9W

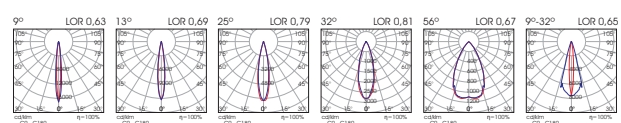
- Rail LS is the linear directional luminaire of Rail system.
- Luminaire body material: aluminium.
- Available in gold or black colour.
- Only suitable in straight track.
- With a selection of beam angles to meet any lighting requirements.
- UGR<19(56°) / UGR<14(32°) / UGR<10(25°) / UGR<10(13°) / UGR<10(9°) / UGR<11(9-32°)
- Length of 205mm.
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 (80)	90 (90)				
RAIL LINEAR SPOT (RAIL LS)	9W (09)	2700K (27C)	690lm	620lm	9° (VN)	Fixed (FX)	Gold (GD)	48V PWM Dimmable (DM)
		3000K (30C)	735lm	850lm	13° (NR)		Black (BL)	
		4000K (40C)	775lm	900lm	25° (MD)			
		5000K (50C)	780lm	910lm	32° (WD)			
					56° (VW)			
					9°-32° Asymmetric (AS)			

Ordering Code Example: RAIL LS-09-30C-90-MD-FX-BL-DM





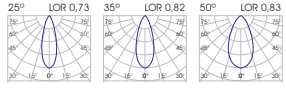
RAIL
PENDANT 6W

- Rail PD is a cylindrical decorative luminaire of Rail system.
- Luminaire body material: aluminium.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM

CREE LEDS

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
RAIL PENDANT *(RAIL PD)*	6W *(06)*	2700K *(27C)*	*660lm*	*530lm*	25° *(25)*	Fixed *(FX)*	Gold *(GD)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	*660lm*	*570lm*	35° *(35)*		Black *(BL)*	
		4000K *(40C)*	*710lm*	*615lm*	50° *(50)*			
		5000K *(50C)*	*715lm*	*660lm*				

Ordering Code Example: *RAIL PD-06-30C-90-25-FX-BL-DM*



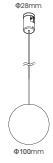
RAIL
SPHERE PENDANT 4W

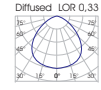
- Rail SPH PD is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
RAIL SPHERE PENDANT *(RAIL SPH PD)*	4W *(04)*	2700K *(27B)*	*255lm*	*230lm*	Diffused *(DF)*	Fixed *(FX)*	Gold *(GD)*	48V PWM Dimmable *(DM)*
		3000K *(30B)*	*260lm*	*235lm*			Black *(BL)*	
		4000K *(40B)*	*280lm*	*255lm*				
		5000K *(50B)*	*285lm*	*260lm*				

Ordering Code Example: *RAIL SPH PD-04-30B-90-DF-FX-BL-DM*





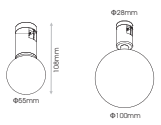
RAIL
BULB & SPHERE SPOT 4W

- Rail BL & SPH SP consist of two sized decorative spots with a diameter of Φ55mm and Φ100mm.
- Luminaire body material: aluminium (BL: acrylic/ SPH SP: glass frosted).
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM

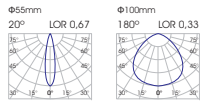
LIGHTSOURCE BY

Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
RAIL BULB *(RAIL BL)*	4W *(04)*	2700K *(27C)*	350lm	270lm	Diffused *(DF)*	Fixed *(FX)*	Gold *(GD)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	360lm	280lm			Black *(BL)*	
		4000K *(40C)*	380lm	310lm				
		5000K *(50C)*	380lm	310lm				
RAIL SPHERE SPOT *(RAIL SPH SP)*		2700K *(27B)*	230lm	180lm				
		3000K *(30B)*	240lm	190lm				
		4000K *(40B)*	260lm	200lm				
		5000K *(50B)*	260lm	200lm				

Ordering Code Example: *RAIL BL-04-30C-90-DF-FX-BL-DM*



RAIL BULB RAIL SPHERE SPOT



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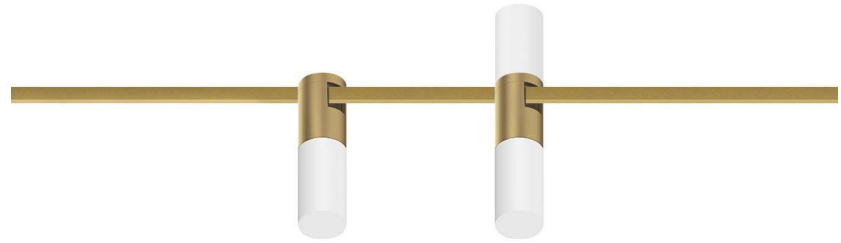
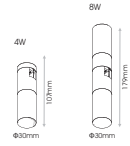
RAIL
ACRYLIC CYLINDER 4W & 8W

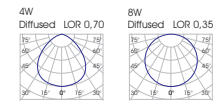
- Rail AC Cylinder consists of two sized spots with a diameter Φ30mm.
- Luminaire body material: aluminium with acrylic ending.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM



Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
RAIL ACRYLIC CYLINDER *(RAIL AC C)*	4W *(04)*	2700K *(27C)*	350lm	270lm	Diffused *(DF*	Fixed *(FX)*	Gold *(GD)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	360lm	280lm			Black *(BL)*	
		4000K *(40C)*	380lm	310lm				
		5000K *(50C)*	380lm	310lm				
	8W *(08)*	2700K *(27C)*	700lm	540lm				
		3000K *(30C)*	720lm	560lm				
		4000K *(40C)*	740lm	620lm				
		5000K *(50C)*	740lm	620lm				

Ordering Code Example: *RAIL AC C-04-30C-80-DF-FX-BL-DM*





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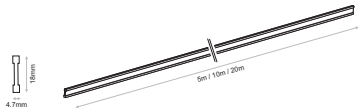
FORMA FLEX SYSTEM

- Forma Flex is a new miniaturized system suitable for highly demanding spaces.
- The system is suitable only for surface application.
- Track material: aluminium / stainless steel.
- Flexibility of the track itself with the ability of extra high bending.
- Flexibility and easiness in the repositioning of the luminaires.
- Forma Flex system includes: Fixed and adjustable spots, decorative sphere and acrylic spots.
- Maximum load per system: 280W
- The system is offered in 48Vdc PWM Dimmable or Wireless Dimmable.

Forma Flex **Surface** Track

Code	Model	Length	Colour
FFL.001	Forma Flex Surface Track	5m	Black
FFL.002	Forma Flex Surface Track	10m	Black
FFL.003	Forma Flex Surface Track	20m	Black



Accessories for Forma Flex System

Code	Description	Colour
FFL.004	Live End	Black
FFL.005	Track Holder	Black

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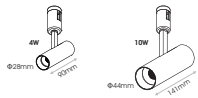
FORMA FLEX
SPOT BRACKET ADJ 4W & 10W

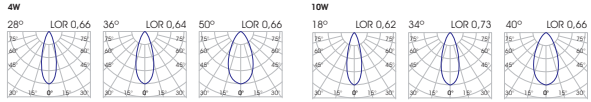
- FORMA FLEX SB consists of two sized spots with bracket and a diameter of Φ28mm and Φ44mm.
- Luminaire body material: aluminium.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
FLEX SPOT BRACKET *(FLEX SB)*	3.8W *(04)*	2700K *(27C)*	*485lm*	*390lm*	28° *(28)*	Adjustable *(AD)*	Black *(BL)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	*485lm*	*420lm*	36° *(36)*			
		4000K *(40C)*	*520lm*	*450lm*	50° *(50)*			
		5000K *(50C)*	*525lm*	*485lm*				
	9.5W *(10)*	2700K *(27C)*	*1190lm*	*965lm*	18° *(18)*			
		3000K *(30C)*	*1195lm*	*1035lm*	34° *(34)*			
		4000K *(40C)*	*1280lm*	*1115lm*	40° *(40)*			
		5000K *(50C)*	*1285lm*	*1120lm*				

Ordering Code Example: *FLEX SB-04-30C-90-38-AD-WH-DM*





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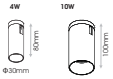
FORMA FLEX
SPOT 4W & 10W

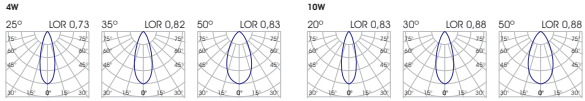
- FORMA FLEX SP consists of two sized spots with a diameter of Φ30mm and Φ52mm.
- Luminaire body material: aluminium.
- Available in black colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens.
- Rail spot 4W UGR<19(50°) / UGR<10(35°) / UGR<10(25°)
- Rail spot 10W UGR<21(40°) / UGR<14(34°) / UGR<17(18°)
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Colour	Dimming Option	Accessories
			80 *(80)*	90 *(90)*					
FLEX SPOT *(FLEX SP)*	3.8W *(04)*	2700K *(27C)*	*485lm*	*390lm*	25° *(25)*	Fixed *(FX)*	Black *(BL)*	48V PWM Dimmable *(DM)*	Standard *(0)*
		3000K *(30C)*	*485lm*	*420lm*	35° *(35)*				Honeycomb *(1)*
		4000K *(40C)*	*520lm*	*450lm*	50° *(50)*				Line spread lens *(2)*
		5000K *(50C)*	*525lm*	*485lm*					Softening lens *(3)*
	9.5W *(10)*	2700K *(27C)*	*1190lm*	*965lm*	20° *(20)*				
		3000K *(30C)*	*1195lm*	*1035lm*	30° *(30)*				
		4000K *(40C)*	*1280lm*	*1115lm*	50° *(50)*				
		5000K *(50C)*	*1285lm*	*1120lm*					

Ordering Code Example: *FLEX SP-04-30C-90-38-AD-WH-DM-1*





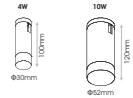
FORMA FLEX
ACRYLIC 4W & 10W

- FORMA FLEX AC consists of two sized spots with a diameter of Φ30mm and Φ52mm.
- Luminaire body material: aluminium with acrylic ending.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
FLEX SPOT ACRYLIC *(FLEX SA)*	3.8W *(04)*	2700K *(27C)*	*485lm*	*390lm*	Diffused *(DF)*	Fixed *(FX)*	Black *(BL)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	*485lm*	*420lm*				
		4000K *(40C)*	*520lm*	*450lm*				
		5000K *(50C)*	*525lm*	*485lm*				
	9.5W *(10)*	2700K *(27C)*	*1190lm*	*965lm*				
		3000K *(30C)*	*1195lm*	*1035lm*				
		4000K *(40C)*	*1280lm*	*1115lm*				
		5000K *(50C)*	*1285lm*	*1120lm*				

Ordering Code Example: *FLEX SA-04-30C-90-DF-FX-BL-DM*



FORMA FLEX
SPHERE SPOT 4W

- FORMA FLEX SPH is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux.

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
FLEX SPHERE *(FLEX SPH)*	4W *(04)*	2700K *(27B)*	*255lm*	*230lm*	Diffused *(DF)*	Fixed *(FX)*	Black *(BL)*	48V PWM Dimmable *(DM)*
		3000K *(30B)*	*260lm*	*235lm*				
		4000K *(40B)*	*280lm*	*255lm*				
		5000K *(50B)*	*285lm*	*260lm*				

Ordering Code Example: *FLEX SPH-04-30B-90-38-FX-BL-DM*

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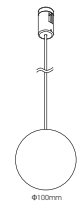
FORMA FLEX
SPHERE PENDANT 4W

- FORMA FLEX SPH PD is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM

LIGHTSOURCE BY bridgelux.

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
FLEX SPHERE PENDANT *(FLEX SPH PD)*	4W *(04)*	2700K *(27B)*	*255lm*	*230lm*	Diffused *(DF)*	Fixed *(FX)*	Black *(BL)*	48V PWM Dimmable *(DM)*
		3000K *(30B)*	*260lm*	*235lm*				
		4000K *(40B)*	*280lm*	*255lm*				
		5000K *(50B)*	*285lm*	*260lm*				

Ordering Code Example: *FLEX SPH PD-04-30B-90-DF-FX-BL-DM*



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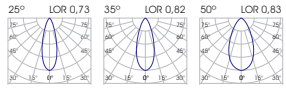
FORMA FLEX
PENDANT 6W

- FORMA FLEX PD is a cylindrical decorative luminaire of Forma Flex system.
- Luminaire body material: aluminium.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM

CREE LEDs

Model	LED Power	CCT	CRI80 *LED Source*	CRI90 *LED Source*	Beam Angle	Type	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
FLEX PENDANT *(FLEX PD)*	6W *(06)*	2700K *(27C)*	*660lm*	*530lm*	25° *(25)*	Fixed *(FX)*	Black *(BL)*	48V PWM Dimmable *(DM)*
		3000K *(30C)*	*665lm*	*570lm*	35° *(35)*			
		4000K *(40C)*	*710lm*	*615lm*	50° *(50)*			
		5000K *(50C)*	*715lm*	*660lm*				

Ordering Code Example: *FLEX PD-06-30C-90-35-FX-BL-DM*



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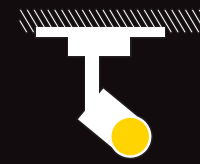
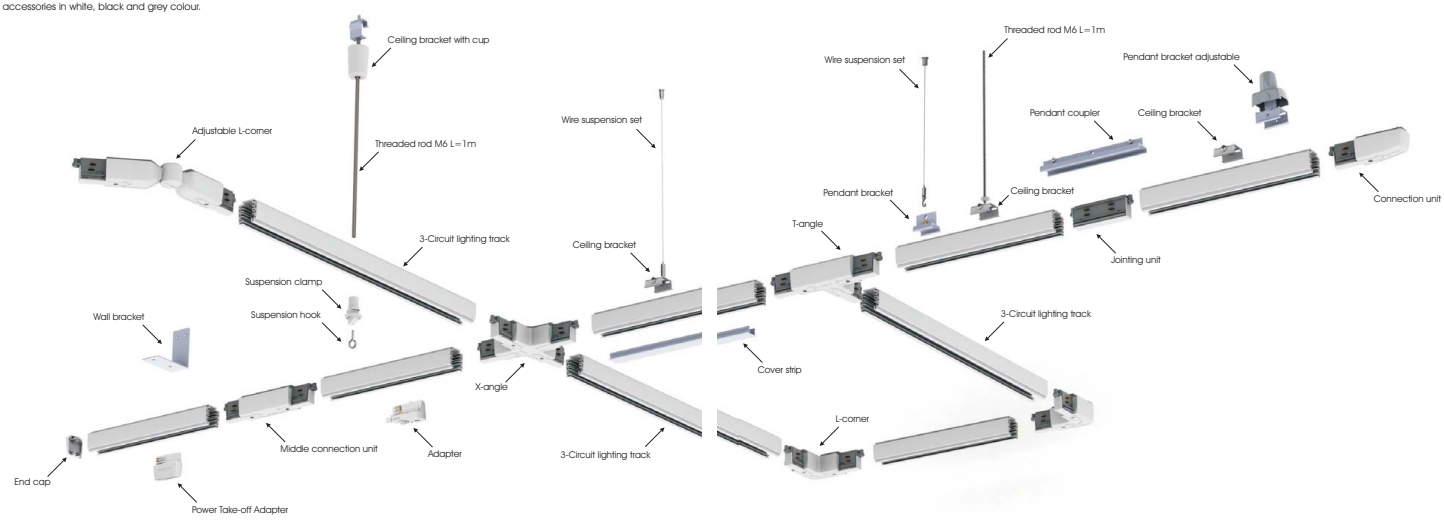
ELECTRON

INTERIOR SPOTLIGHTS



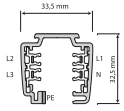
TRACK SYSTEM

- 3-circuit track system available in white, black and grey colour.
- Available in 3 different lengths.
- Available for surface or recessed installation.
- Available accessories in white, black and grey colour.



3-Circuit lighting track, Surface

Code	Model	Length	Colour
TRA.001	3-Circuit lighting track, Surface	2m	White
TRA.002	3-Circuit lighting track, Surface	3m	White
TRA.003	3-Circuit lighting track, Surface	4m	White
TRA.004	3-Circuit lighting track, Surface	2m	Grey
TRA.005	3-Circuit lighting track, Surface	3m	Grey
TRA.006	3-Circuit lighting track, Surface	4m	Grey
TRA.007	3-Circuit lighting track, Surface	2m	Black
TRA.008	3-Circuit lighting track, Surface	3m	Black
TRA.009	3-Circuit lighting track, Surface	4m	Black



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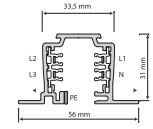
Interior Spotlights

3-Circuit lighting track, Recessed

Code	Model	Length	Colour
TRA.010	3-Circuit lighting track, Recessed	2m	White
TRA.011	3-Circuit lighting track, Recessed	3m	White
TRA.012	3-Circuit lighting track, Recessed	4m	White
TRA.013	3-Circuit lighting track, Recessed	2m	Grey
TRA.014	3-Circuit lighting track, Recessed	3m	Grey
TRA.015	3-Circuit lighting track, Recessed	4m	Grey
TRA.016	3-Circuit lighting track, Recessed	2m	Black
TRA.017	3-Circuit lighting track, Recessed	3m	Black
TRA.018	3-Circuit lighting track, Recessed	4m	Black



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Accessories

Code	Description	Colour
Power supply (end feed)		
TRA.031	Connection unit A	White
TRA.032	Connection unit B	White
TRA.033	Connection unit A	Grey
TRA.034	Connection unit B	Grey
TRA.035	Connection unit A	Black
TRA.036	Connection unit B	Black

Middle connection (middle feed)		
TRA.037	Middle connection unit	White
TRA.038	Middle connection unit	Grey
TRA.039	Middle connection unit	Black

Jointing (multicolour)		
TRA.040	Jointing unit	White
TRA.041	Jointing unit	Grey
TRA.042	Jointing unit	Black

90° corner (feed)		
TRA.043	L-corner	White
TRA.044	L-corner	Grey
TRA.045	L-corner	Black

Adjustable corner		
TRA.046	Adjustable L-corner	White
TRA.047	Adjustable L-corner	Grey
TRA.048	Adjustable L-corner	Black

T-connector (feed)		
TRA.049	T-angle A	White
TRA.050	T-angle B	White
TRA.051	T-angle C	White
TRA.052	T-angle D	White
TRA.053	T-angle A	Grey
TRA.054	T-angle B	Grey
TRA.055	T-angle C	Grey
TRA.056	T-angle D	Grey
TRA.057	T-angle A	Black
TRA.058	T-angle B	Black
TRA.059	T-angle C	Black
TRA.060	T-angle D	Black

X-conector (feed)		
TRA.061	X-angle	White
TRA.062	X-angle	Grey
TRA.063	X-angle	Black

3 Phase Adapter		
TRA.097	3 Phase Adapter	White
TRA.098	3 Phase Adapter	Black
TRA.099	3 Phase Adapter	Grey

End cap		
TRA.064	End cap	White
TRA.065	End cap	Grey
TRA.066	End cap	Black

Cover plate		
TRA.067	Cover plate	White
TRA.068	Cover plate	Grey
TRA.069	Cover plate	Black

Ceiling adapter		
TRA.118	Ceiling adapter	Black
TRA.119	Ceiling adapter	White

Code	Description	Colour
Track suspension parts		
TRA.070	Ceiling bracket	White
TRA.071	Ceiling bracket	Grey
TRA.072	Ceiling bracket	Black
TRA.073	Wire suspension set 1,5 m adjustable	
TRA.074	Wire suspension set 4 m adjustable	
TRA.117	Wire suspension set 4 m adjustable	Black
TRA.075	Threaded rod M6 L=1m	
TRA.076	Extension nut for threaded rod M6	
TRA.077	Tube for rod, white	
TRA.078	Nut for threaded rod M6	

TRA.079	Pendant bracket adjustable	White
TRA.080	Pendant bracket adjustable	Grey
TRA.081	Pendant bracket adjustable	Black

TRA.082	Pendant bracket	White
TRA.083	Pendant bracket	Grey
TRA.084	Pendant bracket	Black

TRA.085	Pendant coupler	White
TRA.086	Pendant coupler	Grey
TRA.087	Pendant coupler	Black

TRA.088	Ceiling bracket with cup	White
TRA.089	Ceiling bracket with cup	Black

TRA.090	Wall bracket	White
TRA.091	Wall bracket	Black

TRA.092	Suspension clamp	White
TRA.093	Suspension clamp	Black

TRA.094	Suspension hook	

TRA.095	Cover strip L=2m	White
TRA.096	Cover strip L=2m	Black

TRA.100	Locker	White
TRA.101	Locker	Black
TRA.102	Locker	Grey

TRA.103	AL-Nipple M10 Rotating, Thread 8mm	
TRA.104	AL-Nipple M10 Rotating, Thread 8mm	
TRA.105	Installation tool	

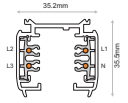
TRA.106	Cable clamp	
TRA.107	Counter Nut	

TRA.108	Power Take-off Adapter	White
TRA.109	Power Take-off Adapter	Black
TRA.110	Power Take-off Adapter	Grey

TRA.111	Adapter with logo	White
TRA.112	Adapter with logo	Black
TRA.113	Adapter with logo	Grey

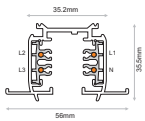
3-CIRCUIT / 3-CIRCUIT DALI
Track System

- 3-Circuit Track System & 3-Circuit DALI Track System.
- Available for surface mounted or recessed application, the same accessories may be used.
- Available in White, Grey or Black colour.
- Variety of accessories offer solutions for any architectural spaces.



3-Circuit Surface Track

Code	Model	Length	Colour
TRA.500	3-Circuit Surface track	1m	White
TRA.503	3-Circuit Surface track	2m	White
TRA.506	3-Circuit Surface track	3m	White
TRA.501	3-Circuit Surface track	1m	Grey
TRA.504	3-Circuit Surface track	2m	Grey
TRA.507	3-Circuit Surface track	3m	Grey
TRA.502	3-Circuit Surface track	1m	Black
TRA.505	3-Circuit Surface track	2m	Black
TRA.508	3-Circuit Surface track	3m	Black



3-Circuit Recessed Track

Code	Model	Length	Colour
TRA.509	3-Circuit Recessed track	1m	White
TRA.512	3-Circuit Recessed track	2m	White
TRA.515	3-Circuit Recessed track	3m	White
TRA.510	3-Circuit Recessed track	1m	Grey
TRA.513	3-Circuit Recessed track	2m	Grey
TRA.516	3-Circuit Recessed track	3m	Grey
TRA.511	3-Circuit Recessed track	1m	Black
TRA.514	3-Circuit Recessed track	2m	Black
TRA.517	3-Circuit Recessed track	3m	Black

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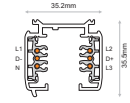
Interior Spotlights

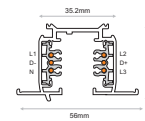
3-Circuit DALI Surface Track

Code	Model	Length	Colour
TRA.590	3-Circuit DALI Surface track	1m	White
TRA.593	3-Circuit DALI Surface track	2m	White
TRA.596	3-Circuit DALI Surface track	3m	White
TRA.591	3-Circuit DALI Surface track	1m	Grey
TRA.594	3-Circuit DALI Surface track	2m	Grey
TRA.597	3-Circuit DALI Surface track	3m	Grey
TRA.592	3-Circuit DALI Surface track	1m	Black
TRA.595	3-Circuit DALI Surface track	2m	Black
TRA.598	3-Circuit DALI Surface track	3m	Black



3-Circuit DALI Recessed Track

Code	Model	Length	Colour
TRA.599	3-Circuit DALI Recessed track	1m	White
TRA.602	3-Circuit DALI Recessed track	2m	White
TRA.605	3-Circuit DALI Recessed track	3m	White
TRA.600	3-Circuit DALI Recessed track	1m	Grey
TRA.603	3-Circuit DALI Recessed track	2m	Grey
TRA.606	3-Circuit DALI Recessed track	3m	Grey
TRA.601	3-Circuit DALI Recessed track	1m	Black
TRA.604	3-Circuit DALI Recessed track	2m	Black
TRA.607	3-Circuit DALI Recessed track	3m	Black



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Accessories
3-Circuits track system

	Code	Description	Colour
	TRA.518	Connector Left 3 CIRCUIT	White
	TRA.519	Connector Left 3 CIRCUIT	Grey
	TRA.520	Connector Left 3 CIRCUIT	Black
	TRA.521	Connector Right 3 CIRCUIT	White
	TRA.522	Connector Right 3 CIRCUIT	Grey
	TRA.523	Connector Right 3 CIRCUIT	Black
	TRA.524	Coupler 3 CIRCUIT	White
	TRA.525	Coupler 3 CIRCUIT	Grey
	TRA.526	Coupler 3 CIRCUIT	Black
	TRA.527	Coupler INSULATION 3 CIRCUIT	White
	TRA.528	Coupler INSULATION 3 CIRCUIT	Grey
	TRA.529	Coupler INSULATION 3 CIRCUIT	Black
	TRA.530	Middle Connector	White
	TRA.531	Middle Connector	Grey
	TRA.532	Middle Connector	Black
	TRA.533	END CAP	White
	TRA.534	END CAP	Grey
	TRA.535	END CAP	Black
	TRA.536	End cap recessed	White
	TRA.537	End cap recessed	Grey
	TRA.538	End cap recessed	Black
	TRA.539	Flexible connector	White
	TRA.540	Flexible connector	Grey
	TRA.541	Flexible connector	Black
	TRA.542	Adjustable connector	White
	TRA.543	Adjustable connector	Grey
	TRA.544	Adjustable connector	Black
	TRA.545	X Connector	White
	TRA.546	X Connector	Grey
	TRA.547	X Connector	Black
	TRA.548	Twisted L connector (L and R)	White
	TRA.549	Twisted L connector (L and R)	Grey
	TRA.550	Twisted L connector (L and R)	Black
	TRA.551	Twisted T connector L1->L2	White
	TRA.552	Twisted T connector L1->L2	Grey
	TRA.553	Twisted T connector L1->L2	Black

	Code	Description	Colour
	TRA.554	Twisted T connector R1->R2	White
	TRA.555	Twisted T connector R1->R2	Grey
	TRA.556	Twisted T connector R1->R2	Black
	TRA.557	L Connector Left	White
	TRA.558	L Connector Left	Grey
	TRA.559	L Connector Left	Black
	TRA.560	L Connector Right	White
	TRA.561	L Connector Right	Grey
	TRA.562	L Connector Right	Black
	TRA.563	T Connector Left1	White
	TRA.564	T Connector Left1	Grey
	TRA.565	T Connector Left1	Black
	TRA.566	T Connector Left2	White
	TRA.567	T Connector Left2	Grey
	TRA.568	T Connector Left2	Black
	TRA.569	T Connector Right1	White
	TRA.570	T Connector Right1	Grey
	TRA.571	T Connector Right1	Black
	TRA.572	T Connector Right2	White
	TRA.573	T Connector Right2	Grey
	TRA.574	T Connector Right2	Black
	TRA.575	Connector cover	White
	TRA.576	Connector cover	Grey
	TRA.577	Connector cover	Black
	TRA.578	T Connector cover	White
	TRA.579	T Connector cover	Grey
	TRA.580	T Connector cover	Black
	TRA.581	X Connector cover	White
	TRA.582	X Connector cover	Grey
	TRA.583	X Connector cover	Black
	TRA.584	Middle connector cover	White
	TRA.585	Middle connector cover	Grey
	TRA.586	Middle connector cover	Black
	TRA.587	L Connector cover	White
	TRA.588	L Connector cover	Grey
	TRA.589	L Connector cover	Black

Accessories
3-Circuits DALI track system

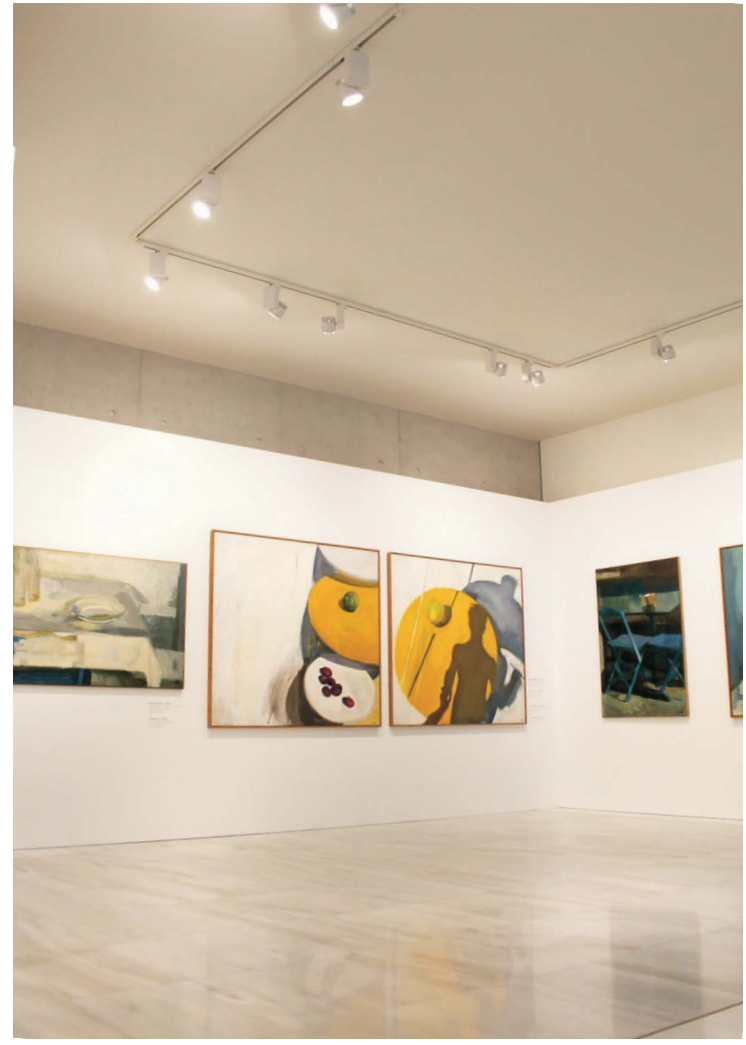
	Code	Description	Colour
	TRA.608	Connector Left DALI 3 Circuit	White
	TRA.609	Connector Left DALI 3 Circuit	Grey
	TRA.610	Connector Left DALI 3 Circuit	Black
	TRA.611	Connector Right DALI 3 Circuit	White
	TRA.612	Connector Right DALI 3 Circuit	Grey
	TRA.613	Connector Right DALI 3 Circuit	Black
	TRA.614	Coupler DALI 3 Circuit	White
	TRA.615	Coupler DALI 3 Circuit	Grey
	TRA.616	Coupler DALI 3 Circuit	Black
	TRA.617	Middle connector DALI 3 Circuit	White
	TRA.618	Middle connector DALI 3 Circuit	Grey
	TRA.619	Middle connector DALI 3 Circuit	Black
	TRA.620	Flexible connector DALI 3 Circuit	White
	TRA.621	Flexible connector DALI 3 Circuit	Grey
	TRA.622	Flexible connector DALI 3 Circuit	Black
	TRA.623	X Connector DALI 3 Circuit	White
	TRA.624	X Connector DALI 3 Circuit	Grey
	TRA.625	X Connector DALI 3 Circuit	Black
	TRA.626	L Connector Left DALI 3 Circuit	White
	TRA.627	L Connector Left DALI 3 Circuit	Grey
	TRA.628	L Connector Left DALI 3 Circuit	Black
	TRA.629	L Connector Right DALI 3 Circuit	White
	TRA.630	L Connector Right DALI 3 Circuit	Grey
	TRA.631	L Connector Right DALI 3 Circuit	Black
	TRA.632	T Connector Left1 DALI 3 Circuit	White
	TRA.633	T Connector Left1 DALI 3 Circuit	Grey
	TRA.634	T Connector Left1 DALI 3 Circuit	Black
	TRA.635	T Connector Left2 DALI 3 Circuit	White
	TRA.636	T Connector Left2 DALI 3 Circuit	Grey
	TRA.637	T Connector Left2 DALI 3 Circuit	Black
	TRA.638	T Connector Right1 DALI 3 Circuit	White
	TRA.639	T Connector Right1 DALI 3 Circuit	Grey
	TRA.640	T Connector Right1 DALI 3 Circuit	Black
	TRA.641	T Connector Right2 DALI 3 Circuit	White
	TRA.642	T Connector Right2 DALI 3 Circuit	Grey
	TRA.643	T Connector Right2 DALI 3 Circuit	Black
	TRA.644	Connector cover DALI 3 Circuit	White
	TRA.645	Connector cover DALI 3 Circuit	Grey
	TRA.646	Connector cover DALI 3 Circuit	Black

Track suspension &
general accessories

	Code	Description	Colour
	TRA.680	Suspension connection clamp	White
	TRA.681	Suspension connection clamp	Grey
	TRA.682	Suspension connection clamp	Black
	TRA.683	Suspension Clamp for Track	White
	TRA.684	Suspension Clamp for Track	Grey
	TRA.685	Suspension Clamp for Track	Black
	TRA.686	Rod suspension	White
	TRA.687	Rod suspension	Grey
	TRA.688	Rod suspension	Black
	TRA.689	Wire suspension 5m G2	White
	TRA.690	Wire suspension 5m G2	Grey
	TRA.691	Wire suspension 5m G2	Black
	TRA.692	Wire suspension 5m	White
	TRA.693	Wire suspension 5m	Grey
	TRA.694	Wire suspension 5m	Black
	TRA.695	T Bar	White
	TRA.696	T Bar	Grey
	TRA.697	T Bar	Black
	TRA.698	Reinforcement plate with 5m wire	White
	TRA.699	Reinforcement plate with 5m wire	Grey
	TRA.700	Reinforcement plate with 5m wire	Black
	TRA.701	Mounting clamp	White
	TRA.702	Mounting clamp	Grey
	TRA.703	Mounting clamp	Black
	TRA.704	Fixing Bracket For Recessed Track	
	TRA.705	Wall clamp 9cm	White
	TRA.706	Wall clamp 9cm	Grey
	TRA.707	Wall clamp 9cm	Black
	TRA.708	Suspension hook	White
	TRA.709	Suspension hook	Grey
	TRA.710	Suspension hook	Black
	TRA.711	Track cover strip 3m	White
	TRA.712	Track cover strip 3m	Black
	TRA.713	Mechanical adapter	White
	TRA.714	Mechanical adapter	Grey
	TRA.715	Mechanical adapter	Black
	TRA.716	Fixed monopoint for track adapter	White
	TRA.717	Fixed monopoint for track adapter	Grey
	TRA.718	Fixed monopoint for track adapter	Black
	TRA.719	Fixed monopoint DALI for track adapter	White
	TRA.720	Fixed monopoint DALI for track adapter	Grey
	TRA.721	Fixed monopoint DALI for track adapter	Black
	TRA.722	Schuko adapter	White
	TRA.723	Schuko adapter	Black

Adapters

	Code	Description	Colour
	TRA.724	Smart 3 circuits adapter	White
	TRA.725	Smart 3 circuits adapter	Grey
	TRA.726	Smart 3 circuits adapter	Black
	TRA.727	Classic 3 circuits adapter	White
	TRA.728	Classic 3 circuits adapter	Grey
	TRA.729	Classic 3 circuits adapter	Black
	TRA.730	Adapter DALI 3 Circuit	White
	TRA.731	Adapter DALI 3 Circuit	Grey
	TRA.732	Adapter DALI 3 Circuit	Black
	TRA.733	Adapter DALI 1 Circuit	White
	TRA.734	Adapter DALI 1 Circuit	Grey
	TRA.735	Adapter DALI 1 Circuit	Black
	TRA.736	Nipple M10x1.0 h8mm (complete ALU)	
	TRA.737	Nipple M10x1.0 h8mm (coloured ring)	White
	TRA.738	Nipple M10x1.0 h8mm (coloured ring)	Grey
	TRA.739	Nipple M10x1.0 h8mm (coloured ring)	Black
	TRA.740	Nipple M10x1.0 h12mm (complete ALU)	
	TRA.741	Nipple M10x1.0 h12mm (coloured ring)	White
	TRA.742	Nipple M10x1.0 h12mm (coloured ring)	Grey
	TRA.743	Nipple M10x1.0 h12mm (coloured ring)	Black
	TRA.744	Nipple M13x1.0 h12mm	
	TRA.745	PVC strain relief	White
	TRA.746	PVC strain relief	Grey
	TRA.747	PVC strain relief	Black
	TRA.748	PVC Nipple strain relief M10	White
	TRA.749	PVC Nipple strain relief M10	Grey
	TRA.750	PVC Nipple strain relief M10	Black
	TRA.751	Tool for smart 3 circuit adapter wiring	



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CALLISTO X

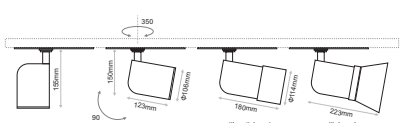
- Callisto series of indoor tracklights consists of three models. Callisto X is the largest model.
- Adjustable 350° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barndoor.
- L90/B10 50.000h
- 3 SDCM

Honeycomb

Antiglare Ring

Barndoor Teatro

Barndoor Standard



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ELECTRON

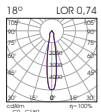
LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	CRI97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 *(80)*	90 *(90)*	97 *(97)*					
CALLISTO X 31.3W *(CALLISTO X31)*	2700K *(278)*	*4510lm*	*3721lm*	*3298lm*	18° *(18)*	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*	Standard *(0:)*
	3000K *(308)*	*4792lm*	*3890lm*	*3524lm*	31° *(31)*		Black *(BL)*	DALI *(DL)*	Honeycomb *(1:)*
	4000K *(408)*	*4933lm*	*4115lm*	-	44° *(44)*			Phase Cut** (Trailing Edge Dimmer) *(PC)*	*(XX)*
	5700K *(578)*	*4792lm*	-	-	59° *(59)*			Local Dimming** *(LD)*	***EXTRAS***
CALLISTO X 37.1W *(CALLISTO X37)*	2700K *(278)*	*5199lm*	*4289lm*	*3802lm*					No Extras *(:0)*
	3000K *(308)*	*5524lm*	*4484lm*	*4062lm*					Antiglare Ring Black *(:1)*
	4000K *(408)*	*5687lm*	*4744lm*	-					Antiglare Ring White *(:2)*
	5700K *(578)*	*5524lm*	-	-					Barndoor Teatro Black *(:3)*
									Barndoor Teatro White *(:4)*
									Barndoor Standard Black *(:5)*
									Barndoor Standard White *(:6)*

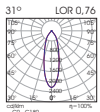
* Available in 3500K, 5000K and 6500K upon request
**Available only for 31.3W version

Ordering Code Example: *CALLISTO X31-308-97-59-AD-BL-ND-11*

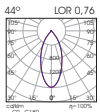
18° LOR 0,74



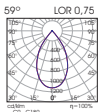
31° LOR 0,76



44° LOR 0,76



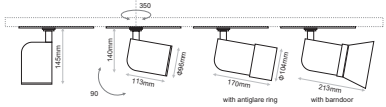
59° LOR 0,75



Honeycomb · Antiglare Ring · Barndoor Teatro · Barndoor Standard

CALLISTO D

- Callisto series of indoor tracklights consists of three models. Callisto D is the intermediate model.
- Adjustable 350° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barndoor.
- L90/B10 50.000h
- 3 SDCM



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LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	CRI97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
CALLISTO D 25.3W (CALLISTO D25)	2700K (27B)	3384lm	2792lm	2475lm	16° (16)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND)	Standard (/0)
	3000K (30B)	3593lm	2919lm	2644lm	25° (25)			DALI (DL)	Honeycomb (/1) → (XX)
	4000K (40B)	3701lm	3088lm	-	39° (39)			Phase Cut (Trailing Edge Dimmer) (PC)	
	5700K (57B)	3595lm	-	-	53° (53)			Local Dimming (LD)	**EXTRAS**
CALLISTO D 31.3W (CALLISTO D31)	2700K (27B)	4510lm	3721lm	3298lm	23° (23)				No Extras (/0)
	3000K (30B)	4792lm	3890lm	3524lm	31° (31)				Antiglare Ring Black (/1)
	4000K (40B)	4933lm	4115lm	-	41° (41)				Antiglare Ring White (/2)
	5700K (57B)	4792lm	-	-	53° (53)				Barndoor Teatro Black (/3)
									Barndoor Teatro White (/4)
									Barndoor Standard Black (/5)
									Barndoor Standard White (/6)

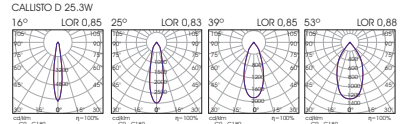
Warm Dimmable

		LED Source	CRI95				
CALLISTO D 30.6W Warm Dimmable (CALLISTO D WD30)	Warm Dimmable 1800K~3000K (1830B)	2850lm	95 (95)	23° (23) 31° (31) 41° (41) 53° (53)			DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)	

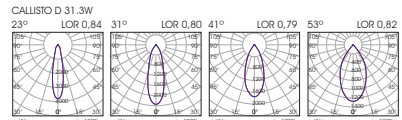
* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: CALLISTO D25-40B-90-25-AD-BL-ND-11

CALLISTO D 25.3W



CALLISTO D 31.3W



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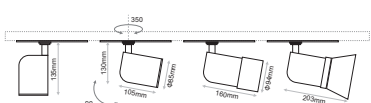
CALLISTO N

- ·Callisto series of indoor tracklights consists of three models. Callisto N is the smallest model.
- Adjustable 350° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barndoor.
- L90/B10 50.000h
- 3 SDCM



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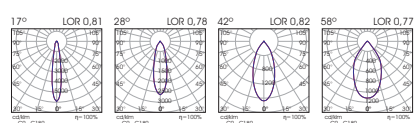
ELECTRON

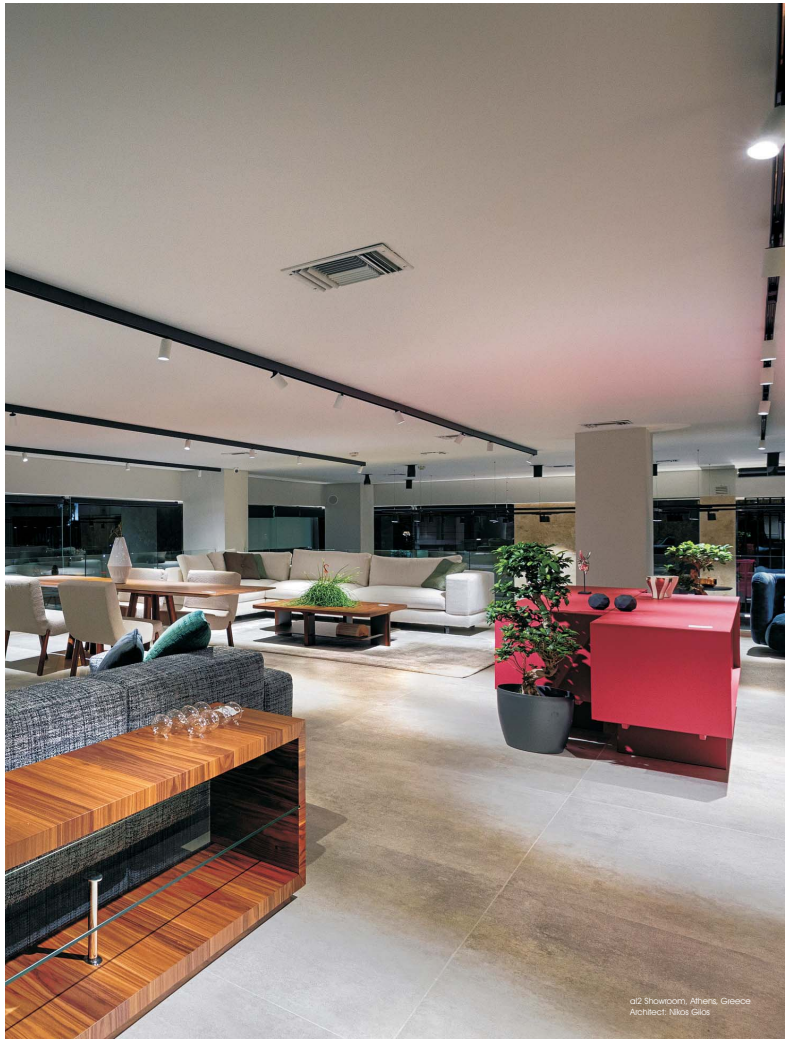
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*		CRI80 LED Source	CRI90 LED Source	CRI97 LED Source	Beam Angle	Type	Colour	Dimming Option		Accessories	
			80 (80)	90 (90)	97 (97)							
CALLISTO N 17.5W (CALLISTO N18)	2700K	(27B)	2482lm	2048lm	1815lm	17° (17)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable	(ND)	Standard	(0X)
	3000K	(30B)	2637lm	2140lm	1939lm	28° (28)			DALI	(DL)	Honeycomb	(1X)
	4000K	(40B)	2714lm	2265lm	-	42° (42)			Phase Cut (Trailing Edge Dimmer)	(PC)		(XX)
	5700K	(57B)	2637lm	-	-	58° (58)			Local Dimming	(LD)		
CALLISTO N 25.3W (CALLISTO N25)	2700K	(27B)	3384lm	2792lm	2475lm						EXTRAS	
	3000K	(30B)	3595lm	2919lm	2644lm						No Extras	(X0)
	4000K	(40B)	3701lm	3088lm	-						Antiglare Ring Black	(X1)
	5700K	(57B)	3450lm	-	-						Antiglare Ring White	(X2)
											Barndoor Teatro Black	(X3)
											Barndoor Teatro White	(X4)
											Barndoor Standard Black	(X5)
											Barndoor Standard White	(X6)
Warm Dimmable			LED Source	CRI95								
CALLISTO N 16.5W Warm Dimmable (CALLISTO N WD17)	Warm Dimmable 1800K~3000K (1830B)		1520lm	95 (95)					DALI	(DL)		
									Phase Cut (Trailing Edge Dimmer)	(PC)		
									Local Dimming	(LD)		

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: CALLISTO N18-27B-90-42-AD-WH-ND-02





al2 Showroom, Athens, Greece
Architect: Nikos Gilos

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

RIENA X

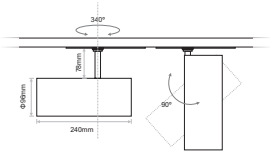
- Riena series of indoor tracklights consists of three models. Riena X is the largest model.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

LIGHTSOURCE BY bridgelux

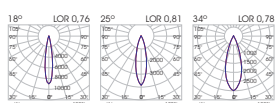
Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
RIENA X 24.6W (RIENA X25)	2700K (27B)	3380lm	2780lm	18° (18)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard (00)
	3000K (30B)	3590lm	2910lm	25° (25)		Black (BL)	DALI (DL)	Antiglare Ring Black (01)
	4000K (40B)	3690lm	3080lm	34° (34)			Phase Cut (PC) (Trailing Edge Dimmer)	Antiglare Ring White (02)
	5700K (57B)	3590lm	-				Local Dimming (LD)	Barn Door Black (03)
								Barn Door White (04)
RIENA X 31.6W (RIENA X32)	2700K (27B)	4340lm	3580lm					
	3000K (30B)	4610lm	3740lm					
	4000K (40B)	4750lm	3960lm					
	5700K (57B)	4610lm	-					

* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: RIENA X25-40B-80-34-AD-WH-PC-04



Antiglare Ring Barn Door



RIENA D

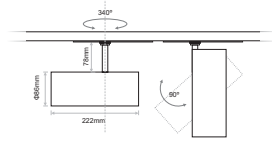
- Riena series of indoor tracklights consists of three models. Riena D is the intermediate model.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

LIGHTSOURCE BY bridgelux

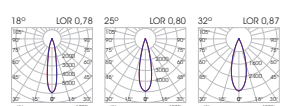
Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
RIENA D 16.2W (RIENA D16)	2700K (27B)	2190lm	1810lm	18° (18)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard (00)
	3000K (30B)	2330lm	1890lm	25° (25)		Black (BL)	DALI (DL)	Antiglare Ring Black (01)
	4000K (40B)	2400lm	2000lm	32° (32)			Phase Cut (PC) (Trailing Edge Dimmer)	Antiglare Ring White (02)
	5700K (57B)	2330lm	-				Local Dimming (LD)	Barn Door Black (03)
								Barn Door White (04)
RIENA D 22.6W (RIENA D23)	2700K (27B)	3070lm	2530lm					
	3000K (30B)	3260lm	2640lm					
	4000K (40B)	3360lm	2800lm					
	5700K (57B)	3260lm	-					

* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: RIENA D23-40B-80-32-AD-WH-PC-04



Antiglare Ring Barn Door



RIENA N

- Riena series of indoor tracklights consists of three models. Riena N is the smallest model.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Available in White or Black Colour
- Available accessories: antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

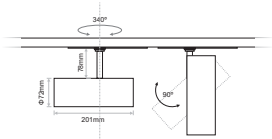
LIGHTSOURCE BY bridgelux

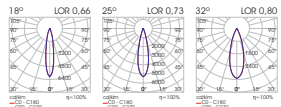
Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 *(80)*	90 *(90)*					
RIENA N 12.8W *(RIENA N13)*	2700K *(27B)*	*1680lm*	*980lm*	18° *(18)*	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*	Standard *(00)*
	3000K *(30B)*	*1780lm*	*1450lm*	25° *(25)*		Black *(BL)*	DALI *(DL)*	Antiglare Ring Black *(01)*
	4000K *(40B)*	*1840lm*	*1530lm*	32° *(32)*			Phase Cut (Trailing Edge Dimmer) *(PC)*	Antiglare Ring White *(02)*
	5700K *(57B)*	*1780lm*	-				Local Dimming *(LD)*	Barn Door Black *(03)*
								Barn Door White *(04)*
RIENA N 16.2W *(RIENA N16)*	2700K *(27B)*	*2190lm*	*1810lm*					
	3000K *(30B)*	*2330lm*	*1890lm*					
	4000K *(40B)*	*2400lm*	*2000lm*					
	5700K *(57B)*	*2330lm*	-					

* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: *RIENA N16-40B-80-32-AD-WH-PC-04*

Antiglare Ring Barn Door





all2 Booth, Salone del Mobile. Milano
Architect: Nikos Gilos

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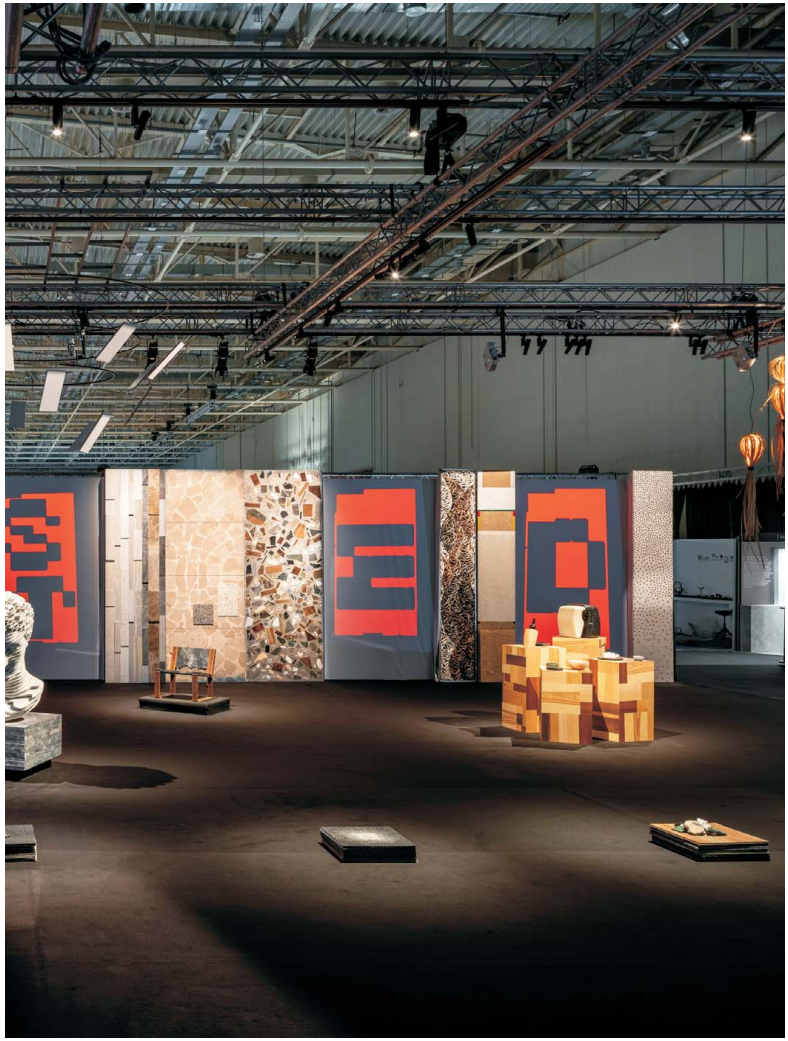
WASTED installation at the Architect Show (Athens / Greece)
Lighting Design: ASlight
Artist Curators: John Veikos & Anna Sbokou
Video & Graphic Curation: Design Ambassador
Photo: Gavill Papadiotis

AWARDS:
[d]arc awards Shortlisted 2022 Art: Low Budget



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FERIA ZOOM X

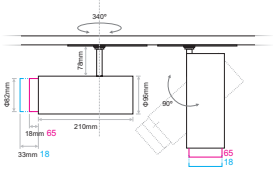
- Feria series of tracklights consists of four models. Feria Zoom X is the largest model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Adjustable beam angle: 18° (min) – 65°(max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

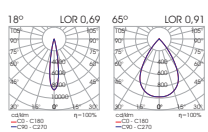
LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 *(80)*	90 *(90)*				
FERIA ZOOM X 32.3W *(FERIA ZOOM X32)*	2700K *(27B)*	*4485lm*	*3701lm*	Adjustable *(1865)* 18°(min)-65°(max)	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*
	3000K *(30B)*	*4766lm*	*3868lm*			Black *(BL)*	DALI *(DL)*
	4000K *(40B)*	*4906lm*	*4092lm*				Phase Cut** (Trailing Edge Dimmer) *(PC)*
	5700K *(57B)*	*4766lm*	-				Local Dimming** *(LD)*
FERIA ZOOM X 38.3W *(FERIA ZOOM X38)*	2700K *(27B)*	*5133lm*	*4236lm*				
	3000K *(30B)*	*5455lm*	*4428lm*				
	4000K *(40B)*	*5615lm*	*4684lm*				
	5700K *(57B)*	*5455lm*	-				

* Available in 3500K, 5000K and 6500K upon request
** Available only for 32.3W version

Ordering Code Example: FERIA ZOOM X32-40B-80-1865-AD-BL-ND





Barn Door

Adjustable beam angle

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FERIA ZOOM D

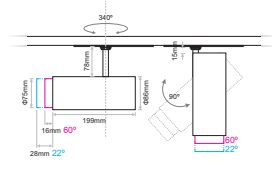
- Feria series of tracklights consists of four models. Feria Zoom D is the intermediate model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Adjustable beam angle: 22° (min) – 60°(max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

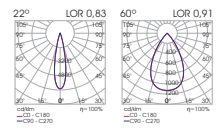
LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	CRI97 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 *(80)*	90 *(90)*	97 *(97)*				
FERIA ZOOM D 25.3W *(FERIA ZOOM D25)*	2700K *(27B)*	*3384lm*	*2792lm*	*2475lm*	Adjustable *(2260)* 22°(min)-60°(max)	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*
	3000K *(30B)*	*3595lm*	*2919lm*	*2644lm*			Black *(BL)*	DALI *(DL)*
	4000K *(40B)*	*3701lm*	*3088lm*	-				Phase Cut (Trailing Edge Dimmer) *(PC)*
	5700K *(57B)*	*3595lm*	-	-				Local Dimming *(LD)*
FERIA ZOOM D 32.3W *(FERIA ZOOM D32)*	2700K *(27B)*	*4485lm*	*3701lm*	-				
	3000K *(30B)*	*4766lm*	*3868lm*	-				
	4000K *(40B)*	*4906lm*	*4092lm*	-				
	5700K *(57B)*	*4766lm*	-	-				

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: FERIA ZOOM D25-40B-90-2260-AD-BL-ND





Barn Door

Adjustable beam angle

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FERIA ZOOM N

Interior Spotlights

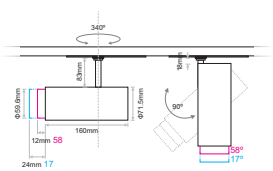
- Feria series of tracklights consists of four models. Feria Zoom N is the smallest model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Adjustable beam angle: 17° (min) – 58°(max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

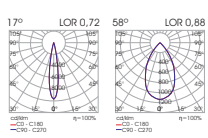
LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 *(80)*	90 *(90)*				
FERIA ZOOM N 17.7W *(FERIA ZOOM N18)*	2700K *(27B)*	*2302lm*	*1899lm*	Adjustable *(1758)* 17°(min)-58°(max)	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*
	3000K *(30B)*	*2445lm*	*1985lm*			Black *(BL)*	DALI *(DL)*
	4000K *(40B)*	*2518lm*	*2100lm*				Phase Cut (Trailing Edge Dimmer) *(PC)*
	5700K *(57B)*	*2445lm*	-				Local Dimming *(LD)*

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: *FERIA ZOOM N18-40B-90-1758-AD-BL-ND*





Barn Door

Adjustable beam angle

Interior Spotlights

FERIA ZOOM F

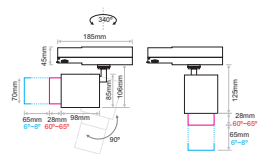
- Feria series of tracklights consists of four models. Feria Zoom F is the last model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Adjustable beam angle: 6° (min) – 60°(max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 *(80)*	90 *(90)*				
FERIA ZOOM F 17.7W *(FERIA ZOOM F18)*	2700K *(27B)*	*2190lm*	*1810lm*	Adjustable 6°(min)-60°(max)	Adjustable *(AD)*	White *(WH)*	Non-Dimmable *(ND)*
	3000K *(30B)*	*2330lm*	*1890lm*			Black *(BL)*	DALI *(DL)*
	4000K *(40B)*	*2400lm*	*2000lm*				Phase Cut (Trailing Edge Dimmer) *(PC)*
	5700K *(57B)*	*2330lm*	-				Local Dimming *(LD)*
FERIA ZOOM F 25.3W *(FERIA ZOOM F25)*	2700K *(27B)*	*3375lm*	*2785lm*	Adjustable 8°(min)-65°(max)			
	3000K *(30B)*	*3585lm*	*2911lm*				
	4000K *(40B)*	*3690lm*	*3080lm*				
	5700K *(57B)*	*3585lm*	-				

* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: *FERIA ZOOM F25-30B-90-AD-WH-DL*



Barn Door

Adjustable beam angle

60°max (17.7W)
65°max (25.3W)

6°min (17.7W)
8°min (25.3W)

ADORNO TRACK Retrofit

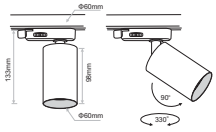
Interior Spotlights

- Adorno is an elegant tracklight suitable for GU10 LED lamps.
- Max 7,5 Watt (lamp not included).
- Housing: Powder coated aluminium.
- Adjustable 340° on the horizontal plane & 90° on the verical plane.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.
- 3 circuit track adaptor

Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO TRACK Retrofit *(ADORNO TRR)*	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Adjustable *(AD)*	GU10 *(G1)* (max 7.5W)	Standard *(0)* Honeycomb *(1)* Linear Spread *(2)* Softening Lens *(3)* Spread Lens *(4)*

Lamp
Not included

Ordering Code Example:
ADORNO TRR-WB-AD-G1-1



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Interior Spotlights

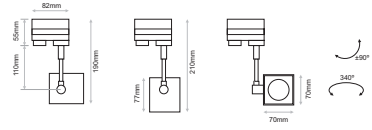
RIO L SQUARE

- Rio L is a tracklight with long bracket and square form suitable for GU10 LED lams.
- Max 50 Watt (lamp not included).
- Adjustable 340° on the horizontal plane & ±90° on the verical plane.
- Available only in White Colour.
- 3 circuit track adaptor.

Model	Colour	Type	Lamp Holder	Accessories
RIO L Square *(RIO L SQ)*	White (WH)	Adjustable *(AD)*	GU10 *(G1)* (max 50W)	Standard *(0)*

Lamp
Not included

Ordering Code Example:
RIO L SQ-WH-AD-G1-0



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MANDI SYSTEM

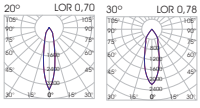
- Mandi is a trimless system creating horizontal and vertical lines.
- Mandi luminaire is available in White or Black Colour.
- Mandi System accessories include: Corner, Internal & External set 90D, Corner U type , Extension Line, 90D Corner Extension.
- Installation box is not included.
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories	
MANDI 12.2W *(MANDI 12)*	2700K *(27B)*	*1575lm*	*1313lm*	-	Adjustable *(AD)*	80 *(80)*	20° *(20)*	White *(WH)*	Without Driver	*(00)*	Standard	*(0X)*
	3000K *(30B)*	*1657lm*	*1362lm*	-		90 *(90)*	30° *(30)*	Black *(BL)*	Non-Dimmable	*(ND)*	Diffuser	*(1X)*
	4000K *(40B)*	*1706lm*	*1460lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*	Honeycomb	*(2X)*
	5700K *(57B)*	*1788lm*	-	-					DMX	*(DX)*		↓
MANDI 12.5W *(MANDI 12)*	2700K *(27B)*	-	-	*1121lm*					DALI	*(DL)*		*(XX)*
	3000K *(30B)*	-	-	*1196lm*					Push Button	*(PB)*	***EXTRAS***	↑
MANDI 17.1W *(MANDI 17)*	2700K *(27B)*	*2382lm*	*1985lm*	-					Phase Cut	*(PC)*	No Extras	*(X0)*
	3000K *(30B)*	*2481lm*	*2060lm*	-					Wireless **	*(WL)*	Emergency Kit	*(X1)*
	4000K *(40B)*	*2581lm*	*2209lm*	-								
	5700K *(57B)*	*2705lm*	-	-								
MANDI 17.5W *(MANDI 17)*	2700K *(27B)*	-	-	*1660lm*								
	3000K *(30B)*	-	-	*1783lm*								

* Available in 3500K, 5000K and 6500K upon request
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *MANDI 17-30B-AD-80-30-BL-ND-00*



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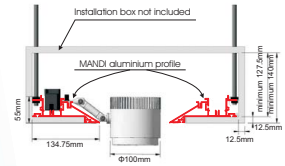
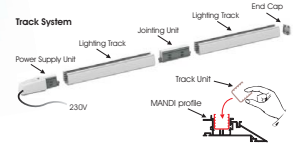
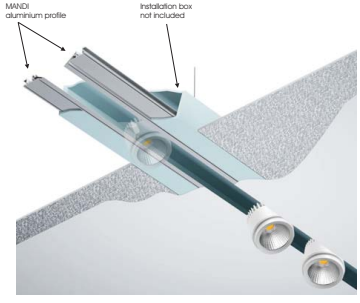




MANDI Aluminium Profile

Extension Line

90° Corner Extension



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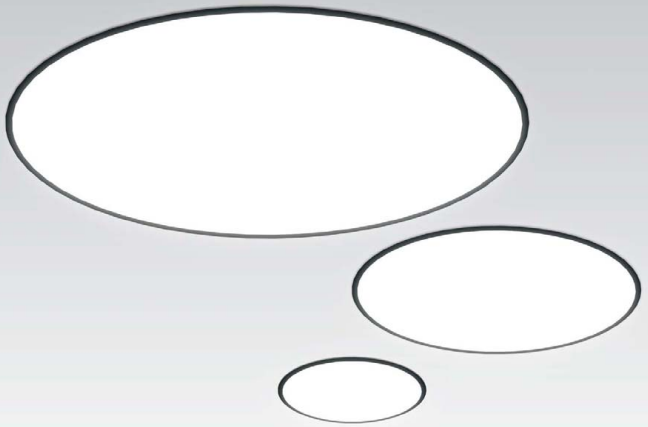
CEILING RECESSED

DISC RC
(Recessed)

Ceiling Recessed



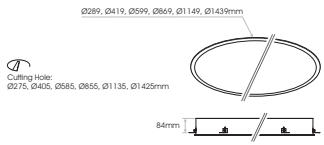
- Disc is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

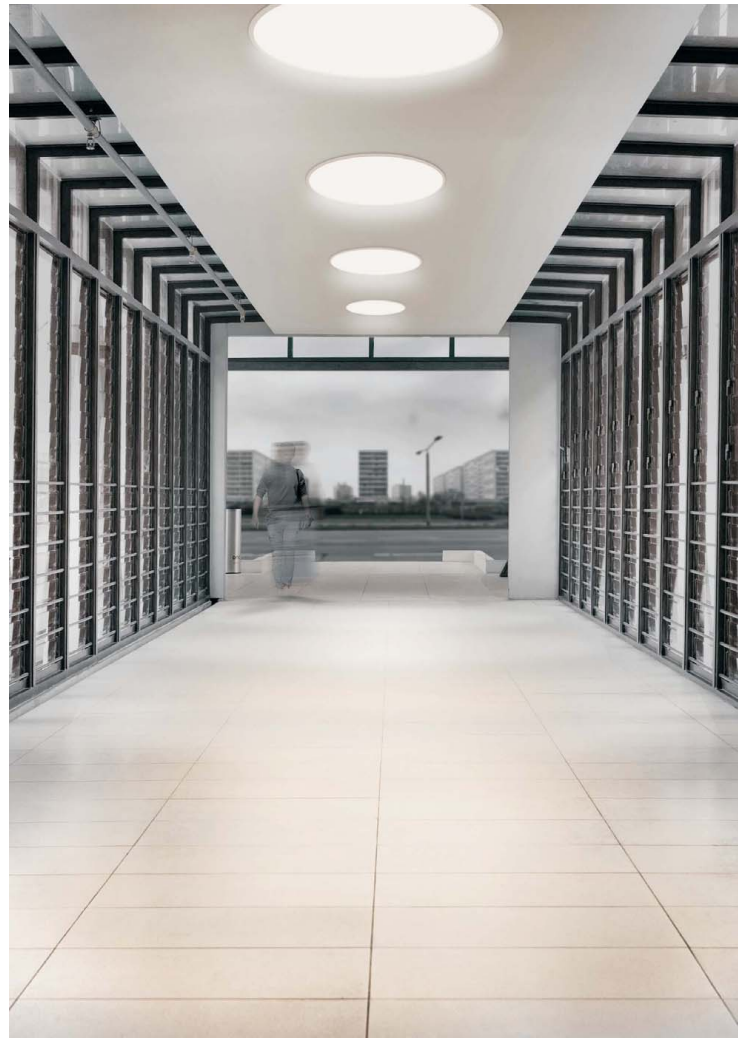
LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:

√ *Custom luminaire colours*
√ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20





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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC Recessed High Power *(DISC RC HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	≥ 80 *(80)* **3000K**	≥ 80 *(80)* **4000K**	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
	Black *(BL)*	4000K *(40)*	11.9W / 27cm *(12W027)*	*1910lm*	*2070lm*	Low Glare *(LG)* ***		Analogue *(A1)* (1-10V)	Standard *(0)*
	Grey *(GR)*		26.2W / 40cm *(26W040)*	*3970lm*	*4170lm*			DALI *(DL)*	Emergency *(1)*
			57.4W / 58cm *(58W058)*	*8670lm*	*9110lm*			Wireless *(WL)*	
			123.8W / 85cm *(124W085)*	*17980lm*	*18900lm*				
			214.8W / 113cm *(215W113)*	*31060lm*	*32650lm*				
			336.6W / 142cm *(337W142)*	*49550lm*	*52200lm*				
DISC Recessed High Efficiency *(DISC RC HE)*			HIGH EFFICIENCY	≥ 80 *(80)* **3000K**	≥ 80 *(80)* **4000K**	Opal *(OP)*			
			4.5W / 27cm *(05W027)*	*810lm*	*880lm*	Low UGR *(LU)* ***			
			9.8W / 40cm *(10W040)*	*1680lm*	*1770lm*				
			21.2W / 58cm *(21W058)*	*3640lm*	*3830lm*				
			45.7W / 85cm *(46W085)*	*7430lm*	*7810lm*				
			79.4W / 113cm *(80W113)*	*12830lm*	*13490lm*				
			124.4W / 142cm *(124W142)*	*20590lm*	*21700lm*				

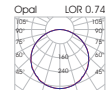
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<22), Low UGR (UGR<19)

Ordering Code Example: *DISC RC HP-BL-30-58W058-80-LG-230-ND-0*

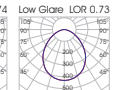
	Ø289mm	Ø419mm	Ø599mm	Ø869mm	Ø1149mm	Ø1439mm
DISC Recessed						
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

HIGH POWER

Opal LOR 0.74

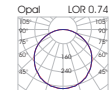


Low Glare LOR 0.73

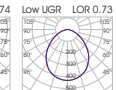


HIGH EFFICIENCY

Opal LOR 0.74

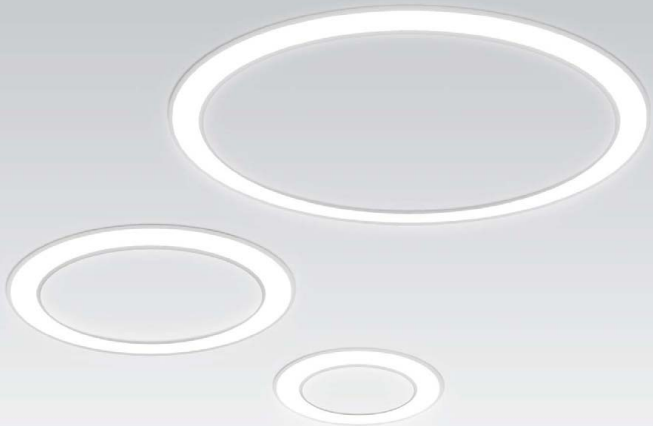


Low UGR LOR 0.73



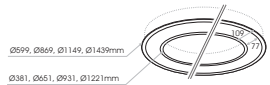
ECLIPSE RC
(Recessed)

Ceiling Recessed



- ECLIPSE is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)



Available upon request:

√ *Custom luminaire colours*
√ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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LIGHTSOURCE BY SAMSUNG

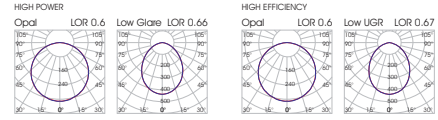
IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** *LED Source* 3000K	CRI** *LED Source* 4000K	Type	Voltage	Dimming Option	Extras
ECLIPSE Recessed High Power *(ECLIPSE RC HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 46.2W / 58cm *(46W058)* 75W / 85cm *(75W085)* 104.5W / 113cm *(105W113)* 134.1W / 142cm *(134W142)*	> 80 *(80)* *6910lm* *11070lm* *15490lm* *19960lm*	> 80 *(80)* *7310lm* *11740lm* *16390lm* *21100lm*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue *(A1)* (1-10V) DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
ECLIPSE Recessed High Efficiency *(ECLIPSE RC HE)*			HIGH EFFICIENCY 17.6W / 58cm *(18W058)* 26.7W / 85cm *(27W085)* 37.2W / 113cm *(37W113)* 47.8W / 142cm *(48W142)*	> 80 *(80)* **3000K** *2940lm* *4450lm* *6230lm* *8020lm*	> 80 *(80)* **4000K** *3110lm* *4720lm* *6590lm* *8480lm*	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE RC HP-BL-30-105W113-80-LG-230-ND-0

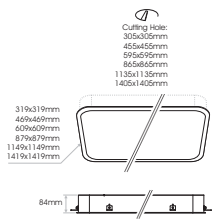
	Ø599mm	Ø869mm	Ø1149mm	Ø1439mm
ECLIPSE Recessed				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs



LOOP RC
(Recessed)

Ceiling Recessed

- LOOP is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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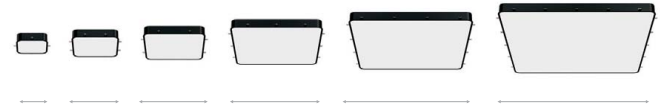
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source 3000K	CRI** LED Source 4000K	Type	Voltage	Dimming Option	Extras
LOOP Recessed High Power *(LOOP RC HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	> 80 *(80)*	> 80 *(80)*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
			17.6W / 30x30cm *(18W3030)*	2660lm	2780lm				
			39.5W / 45x45cm *(40W4545)*	5860lm	6160lm				
			75W / 59x59cm *(75W5959)*	10720lm	11270lm				
			153.5W / 86x86cm *(154W8686)*	22150lm	23290lm				
			272.8W / 113x113cm *(273W113113)*	39380lm	41400lm				
			426.3W / 140x140cm *(426W140140)*	61540lm	64700lm				
LOOP Recessed High Efficiency *(LOOP RC HE)*			HIGH EFFICIENCY	> 80 *(80)*	> 80 *(80)*	Opal *(OP)* Low UGR *(LU)* ***			
			6.6W / 30x30cm *(07W3030)*	1130lm	1180lm				
			13.4W / 45x45cm *(13W4545)*	2250lm	2370lm				
			25.9W / 59x59cm *(26W5959)*	4200lm	4410lm				
			58.3W / 86x86cm *(58W8686)*	9450lm	9930lm				
			103.7W / 113x113cm *(104W113113)*	16790lm	17650lm				
			162W / 140x140cm *(162W140140)*	26230lm	27580lm				

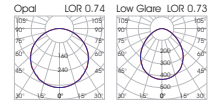
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21.8), Low UGR (UGR<18.6)

Ordering Code Example: LOOP RC HP-BL-30-154W8686-80-LG-230-ND-0

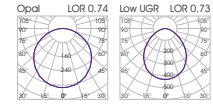


	319x319mm	469x469mm	609x609mm	879x879mm	1149x1149mm	1419x1419mm
LOOP Recessed						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

HIGH POWER



HIGH EFFICIENCY



ORBIT RC
(Recessed)

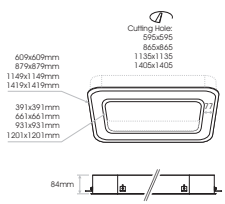
Ceiling Recessed

- ORBIT is a complete series of round luminaires available in surface, pendant, recessed and trimless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

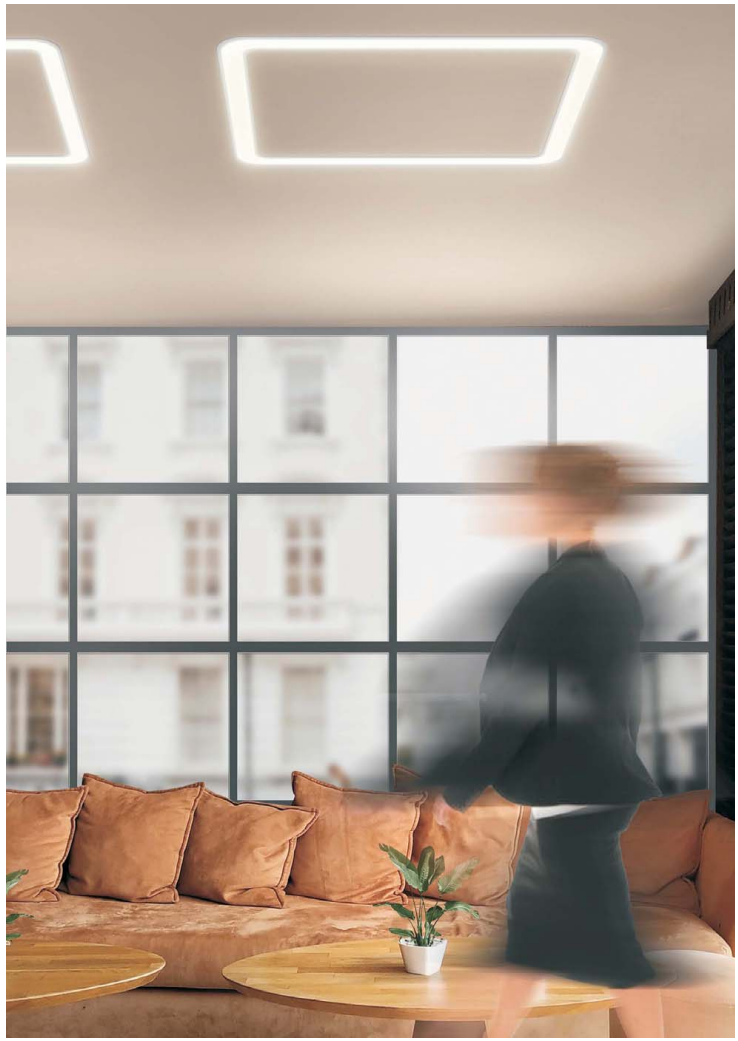
LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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LIGHTSOURCE BY SAMSUNG

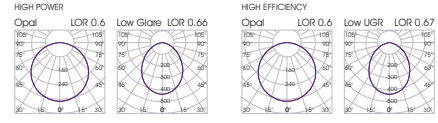
IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Recessed High Power *(ORBIT RC HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
			61.6W / 59x59cm *(62W5959)*	*9210lm*	*9750lm*				
			93.6W / 86x86cm *(94W8686)*	*14050lm*	*14860lm*				
			128.7W / 113x113cm *(129W113113)*	*19320lm*	*20430lm*				
			163.9W / 140x140cm *(164W140140)*	*24590lm*	*26000lm*				
ORBIT Recessed High Efficiency *(ORBIT RC HE)*			HIGH EFFICIENCY	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)* Low UGR *(LU)* ***			
			23.4W / 59x59cm *(23W5959)*	*3920lm*	*4150lm*				
			32.8W / 86x86cm *(33W8686)*	*5560lm*	*5880lm*				
			45.1W / 113x113cm *(45W113113)*	*7650lm*	*8090lm*				
			57.4W / 140x140cm *(57W140140)*	*9730lm*	*10290lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: *ORBIT RC HP-WH-30-94W8686-80-LG-230-ND-0*

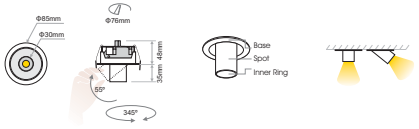
	609x609mm	879x879mm	1149x1149mm	1419x1419mm
ORBIT Recessed				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs



REFORM 30 RC

Ceiling Recessed

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



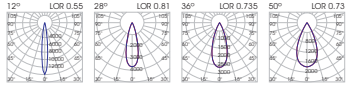
CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 30 Recessed *(REFORM 30 RC)*	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	*Base*: White (W), Black (B); *Spot*: White (W), Black (B); *Inner Ring*: White (W), Black (B)	Without Driver (00), Non Dimmable (ND), Analogue (1-10V) (A1), DMX (DX), DALI (DL), Push Button (PB), Phase Cut (PC), Wireless ** (WL)	Standard (0), Honeycomb (1), Softening lens (2); *Extras*: No Extras (0), Emergency (1)
		3000K (30C)	310lm	265lm					
		4000K (40C)	330lm	290lm					
		5000K (50C)	360lm	310lm					
	5.8W (6)	2700K (27C)	615lm	500lm					
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
		5000K (50C)	715lm	615lm					
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm	36° (36)				
		4000K (40C)	428lm	369lm	50° (50)				
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

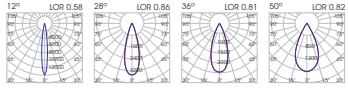
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFORM 30 RC-3-40C-80-36-AD-WWB-00-00*

Inner ring colour:
BLACK



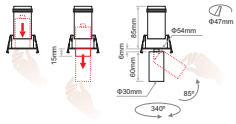
Inner ring colour:
WHITE



REFORM 30 IN-OUT RC

Ceiling Recessed

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Emergency kit and battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Recessed luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)			(XXX)		(XX)
REFORM 30 IN-OUT Recessed (REFORM 30 IO RC)	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	***Base*** White (W) Black (B) ***Spot*** White (W) Black (B) ***Inner Ring*** White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	Standard (0) Honeycomb (1) Softening lens (2) ***Extras*** No Extras (0) Emergency (1)
		3000K (30C)	310lm	265lm					
		4000K (40C)	330lm	290lm					
		5000K (50C)	360lm	310lm					
	5.8W (6)	2700K (27C)	615lm	500lm					
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
		5000K (50C)	715lm	615lm					
	3W (3)	2700K (27C)	396lm	320lm	28° (28) 36° (36) 50° (50)				
		3000K (30C)	396lm	342lm					
		4000K (40C)	428lm	369lm					
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

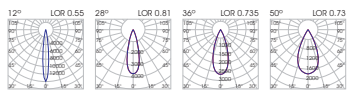
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 30 IO RC-3-40C-80-36-AD-WWB-00-10

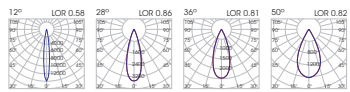
Honeycomb

Softening lens

Inner ring colour:
BLACK



Inner ring colour:
WHITE



REFORM 30 RC Spot

Ceiling Recessed

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Emergency kit and battery replacement accessibility of emergency kit should be considered as the kit does not pass through the luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).

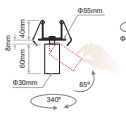
CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle
REFORM 30 Recessed Spot *(REFORM 30 RCSP)*	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)
		3000K (30C)	310lm	265lm	
		4000K (40C)	330lm	290lm	
		5000K (50C)	360lm	310lm	
	5.8W (6)	2700K (27C)	615lm	500lm	
		3000K (30C)	615lm	530lm	
		4000K (40C)	665lm	575lm	
		5000K (50C)	715lm	615lm	
	3W (3)	2700K (27C)	396lm	320lm	28° (28)
		3000K (30C)	396lm	342lm	36° (36)
		4000K (40C)	428lm	369lm	50° (50)
		5000K (50C)	428lm	396lm	
	6.3W (6)	2700K (27C)	669lm	540lm	
		3000K (30C)	669lm	577lm	
		4000K (40C)	722lm	623lm	
		5000K (50C)	722lm	669lm	

Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
Adjustable (AD)	***Base*** White (W) / Black (B)	Without Driver (00)	Standard (0)
	Spot White (W) / Black (B)	Non Dimmable (ND)	Honeycomb (1)
	Inner Ring White (W) / Black (B)	Analogue (1-10V) (A1)	Softening lens (2)
		DMX (DX)	***Extras***
		DALI (DL)	No Extras (0)
		Push Button (PB)	Emergency (1)
		Phase Cut (PC)	
		Wireless ** (WL)	

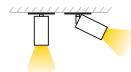
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFORM 30 RCSP-3-40C-80-36-AD-WWB-00-00*

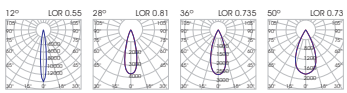


Honeycomb

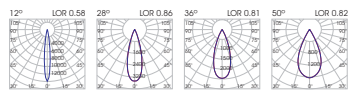
Softening lens



Inner ring colour: **BLACK**



Inner ring colour: **WHITE**



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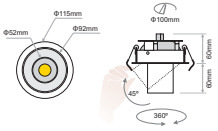
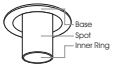
REFORM 52 RC

Ceiling Recessed

- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).

Recessed





CREE LEDs

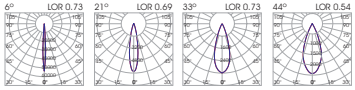
Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
			80 (80)	90 (90)					
REFORM 52 Recessed *(REFORM 52 RC)*	**8.2W** (8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	***Base*** White (W) Black (B) ***Spot*** White (W) Black (B) ***Inner Ring*** White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3) ***EXTRAS*** No Extras (0) Emergency (1)
		3000K (30C)	779lm	673lm					
		4000K (40C)	841lm	726lm					
		5000K (50C)	903lm	779lm					
	12W (12)	2700K (27C)	1590lm	1380lm	21° (21)				
		3000K (30C)	1710lm	1485lm	33° (33)				
		4000K (40C)	1830lm	1590lm	44° (44)				
		5000K (50C)	1710lm	1590lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

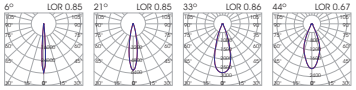
Ordering Code Example:
REFORM 52 RC-12-40C-80-33-AD-WWB-00-01

Honeycomb Line spread lens Softening lens

Inner ring colour:
BLACK



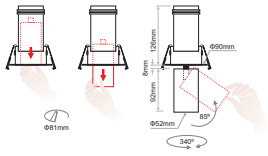
Inner ring colour:
WHITE



REFORM 52 IN-OUT RC

Ceiling Recessed

- Reform 52 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 12 watt and 8.2 watt.
- Beam angle varies from 4 to 44 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).



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CREE LEDs

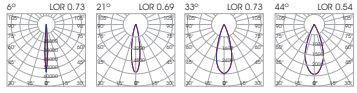
Model	LED Power	CCT*	CRI80, CRI90 *LED Source*	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
			80 *(80)* 90 *(90)*					
REFORM 52 IN-OUT Recessed *(REFORM 52 IO RC)*	**8.2W** *(8)*	2700K *(27C)*	*779lm* *628lm*	6° *(06)*	Adjustable *(AD)*	*Base* White *(W)* Black *(B)* *Spot* White *(W)* Black *(B)* *Inner Ring* White *(W)* Black *(B)*	Without Diver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless ** *(WL)*	Standard *(0)* Honeycomb *(1)* Line spread lens *(2)* Softening lens *(3)* *EXTRAS* No Extras *(0)* Emergency *(1)*
		3000K *(30C)*	*779lm* *673lm*					
		4000K *(40C)*	*841lm* *726lm*					
		5000K *(50C)*	*903lm* *779lm*					
	12W *(12)*	2700K *(27C)*	*1590lm* *1380lm*	21° *(21)*				
		3000K *(30C)*	*1710lm* *1485lm*	33° *(33)*				
		4000K *(40C)*	*1830lm* *1590lm*	44° *(44)*				
		5000K *(50C)*	*1710lm* *1590lm*					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

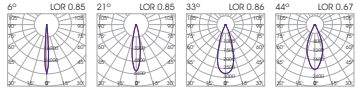
Ordering Code Example:
REFORM 52 IO RC-12-40C-80-33-AD-WWB-00-01

Honeycomb Line spread lens Softening lens

Inner ring colour:
BLACK



Inner ring colour:
WHITE



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REFORM 52 RC Spot

Ceiling Recessed

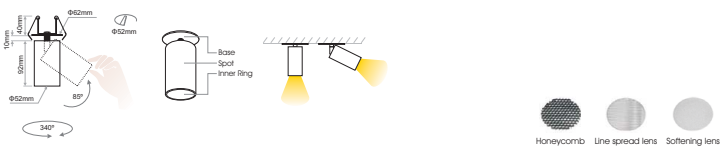
- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).

CREE LEDs

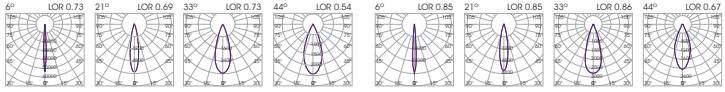
Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)			(XXX)		(XX)
REFORM 52 Recessed Spot (REFORM 52 RCSP)	**8.2W** (8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	**Base** White (W) Black (B)	Without Driver (00)	Standard (0)
		3000K (30C)	779lm	673lm			**Spot** White (W) Black (B)	Non Dimmable (ND)	Honeycomb (1)
		4000K (40C)	841lm	726lm				Analogue (1-10V) (A1)	Line spread lens (2)
		5000K (50C)	903lm	779lm			**Inner Ring** White (W) Black (B)	DMX (DX)	Softening lens (3)
								DALI (DL)	
	12W (12)	2700K (27C)	1590lm	1380lm	21° (21)			Push Button (PB)	**EXTRAS**
		3000K (30C)	1710lm	1485lm	33° (33)			Phase Cut (PC)	No Extras (0)
		4000K (40C)	1830lm	1590lm	44° (44)			Wireless ** (WL)	Emergency (1)
		5000K (50C)	1710lm	1590lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 52 RCSP-12-40C-80-33-AD-WWB-00-01



Inner ring colour: **BLACK**



Inner ring colour: **WHITE**

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Ceiling Recessed

REFORM 75 RC Spot

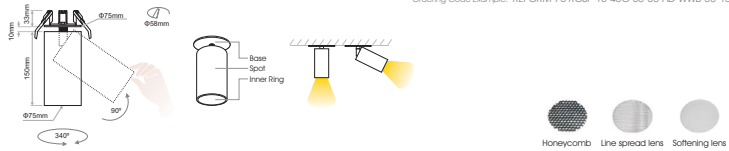
- Reform 75 is series of downlights available recessed or surface.
- It is available in round form.
- Power consumption : 23.5watt and 18watt.
- Beam angle varies from 17 to 50 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 /black inner ring).

CREE LEDs

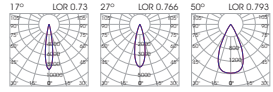
Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)			(XXX)		(XX)
REFORM 75 Recessed Spot (REFORM 75 RCSP)	**18W** (18)	2700K (27C)	2067lm	1794lm	17° (17)	Adjustable (AD)	**Base** White (W) Black (B)	Without Driver (00)	Standard (0)
		3000K (30C)	2223lm	1931lm	27° (27)		**Spot** White (W) Black (B)	Non Dimmable (ND)	Honeycomb (1)
		4000K (40C)	2379lm	2067lm	50° (50)			Analogue (1-10V) (A1)	Line spread lens (2)
		5000K (50C)	2223lm	2067lm			**Inner Ring** White (W) Black (B)	DMX (DX)	Softening lens (3)
								DALI (DL)	
	23.5W (24)	2700K (27C)	2919lm	2409lm				Push Button (PB)	**EXTRAS**
		3000K (30C)	3102lm	2512lm				Phase Cut (PC)	No Extras (0)
		4000K (40C)	3192lm	2663lm				Wireless ** (WL)	Emergency (1)
		5000K (50C)	3230lm	2791lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

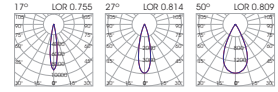
Ordering Code Example: REFORM 75 RCSP-18-40C-80-50-AD-WWB-00-10



Inner ring colour: **BLACK**



Inner ring colour: **WHITE**



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DANDO FRAME RC

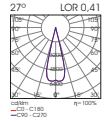
Ceiling Recessed

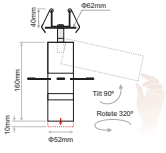
- Dando Frame RC is a recessed downlight, ideal to highlight and elevate any artwork.
- It is also available in surface version with the same dimming options.
- Available in black or white as standard but custom colours also available upon request.
- Low UGR ensuring visual comfort (UGR<10).
- L90/B10 50.000h
- 3 SDCM

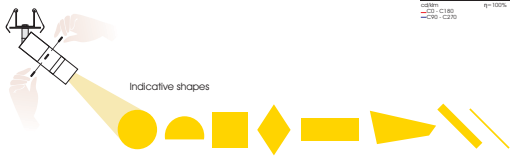
CREE LEDs

Model	LED Power	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Colour	Dimming Option
DANDO FRAME RC *(DANDO FRAME RC)*	12.8W (13)	2700K (27C)	1100lm	930lm	Adjustable (AD)	27° max (27)	White (WH)	Non-Dimmable (ND)
		3000K (30C)	1150lm	970lm			Black (BL)	Phase Cut (PC)
		4000K (40C)	1210lm	1090lm				DALI (DL)
		5000K (50C)	1225lm	1070lm				48V PWM Dimmable (48)

Ordering Code Example: DANDO FRAME RC-13-30C-80-AD-27-WH-ND







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Ceiling Recessed

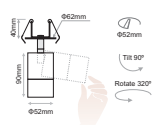
DANDO ZOOM RC

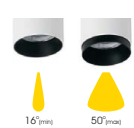
- Dando Zoom RC is a recessed downlight, flexible due to its adjustable beam angle.
- It is also available in surface version with the same dimming options.
- Available in black or white as standard but custom colours also available upon request.
- Low UGR ensuring visual comfort (UGR<19).
- L90/B10 50.000h
- 3 SDCM

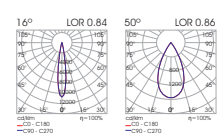
LIGHTSOURCE BY bridgelux

Model	LED Power	CCT	CRI80 LED Source 80 (80)	CRI90 LED Source 90 (90)	Beam Angle	Type	Colour	Dimming Option
DANDO ZOOM RC *(DANDO ZOOM RC)*	12W (12)	2700K (27C)	1194lm	992lm	Adjustable (1650) 16°(min)-50°(max)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)
		3000K (30C)	1257lm	1055lm			Black (BL)	Phase Cut (PC)
		4000K (40C)	1307lm	1106lm				DALI (DL)
								48V PWM Dimmable (48)

Ordering Code Example: DANDO ZOOM RC-12-30C-80-1650-AD-WH-ND







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ELECTRON

ADORNO RC Spotlight Retrofit

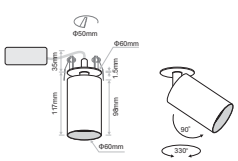
Ceiling Recessed

- Adorno series spotlight with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.

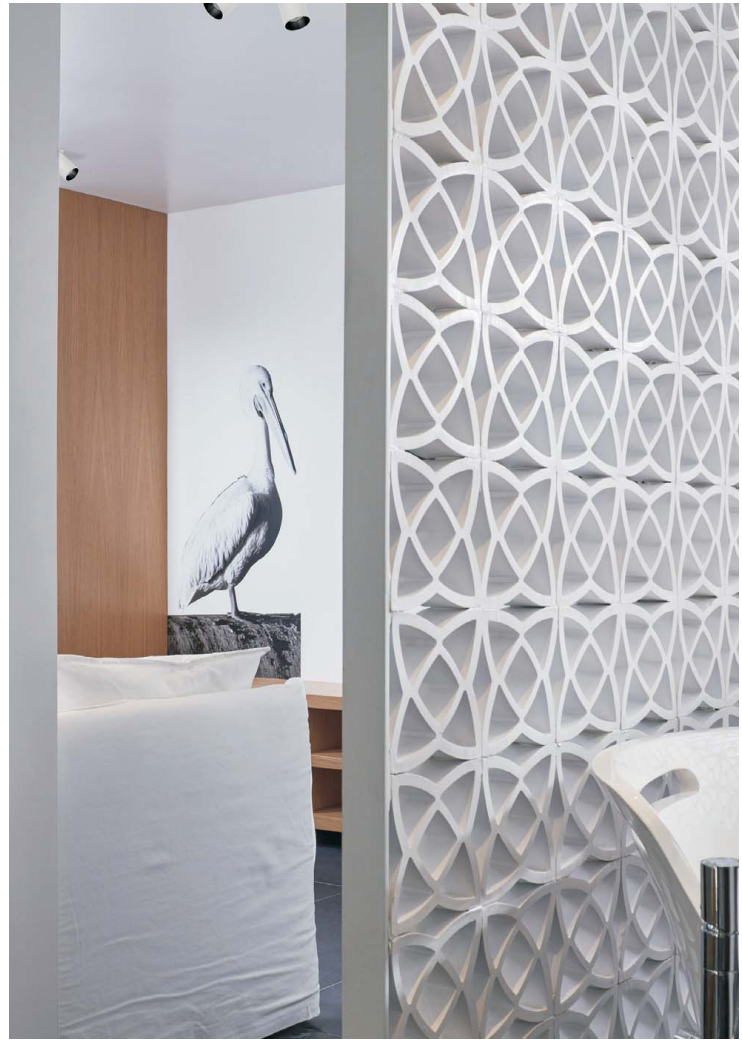
Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO Recessed Spotlight Retrofit *(ADORNO RCSR)*	White-Black *(WB)* White-White *(WW)* White-Gold *(WG)* Black-Black *(BB)* Black-White *(BW)* Black-Gold *(BG)*	Adjustable *(AD)*	GU10 (max 7.5W) *(G1)*	Standard *(0)* Honeycomb *(1)* Linear Spread *(2)* Softening Lens *(3)* Spread Lens *(4)*

Lamp
Not included

Ordering Code Example: *ADORNO RCSR-WB-AD-G1-1*



ACC.004 Honeycomb
ACC.007 Linear Spread
ACC.006 Softening Lens
ACC.005 Spread Lens



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SOUL Series

Ceiling Recessed

- SOUL is a series of recessed downlights.
- It is available either round or square.
- It is either fixed or adjustable depending on the model.
- It is available in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- SOUL DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).
- Soul is also offered with an ingress protection rate IP65 (face only).
- Soul Mini: constant current 350mA @3W / 500mA @4.3W.

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SOUL

ADJ

IP65

DEEP

ADJ DEEP

IP65 DEEP

SOUL MINI

ADJ

IP65

DEEP

ADJ DEEP

IP65 DEEP

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SOUL

CREE LEDs — *LD7,ST5,ST12,ST18,NB6,NB8,ZM6,ZM13*

LIGHTSOURCE BY bridgelux. — *WD6,WD12,TW6,TW12*

IP20 IP54 IP65

Name	Shape	Model	CCT	CRI80, CRI90 LED Source		Beam Angle	Luminaire Colour: Trim/Inner Case**	Dimming Option	Accessories
				80 *(80)*	90 *(90)*				
SOUL *(SOUL)* **SOUL DEEP** *(SOUL DEEP)* **SOUL ADJ** *(SOUL A)* **SOUL ADJ DEEP** *(SOUL A DEEP)* **SOUL IP65** *(SOUL 65)* **SOUL IP65 DEEP** *(SOUL 65 DEEP)*	Round *(RD)* Square *(SQ)*	**Low Depth 7W** *(LD7)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	930lm 960lm 1020lm 1020lm	762lm 792lm 840lm 840lm	30° *(30)* ***DEEP**** 27° *(27)*	White *(WH)* Black *(BL)* White/White *(WW)* White/Black *(WB)* Black/Black *(BB)* Black/White *(BW)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless*** *(WL)*	*(XXX)* ***COVER*** Standard *(0XX)* Honeycomb *(1XX)* Linear Spread *(2XX)* Softening Lens *(3XX)* ***IP RATE*** IP20 *(XD1)* IP54 *(XX1)* IP65**** *(X21)* ***EXTRAS*** No Extras *(XX0)* Emergency Kit *(XX1)*
		Standard 6.2W *(ST6)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	704lm 713lm 760lm 736lm	568lm 608lm 656lm 704lm	19° *(19)* 35° *(35)* 50° *(50)* ***DEEP**** 16° *(16)* 30° *(30)* 45° *(45)*			
		Standard 12.2W *(ST12)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	1590lm 1710lm 1830lm 1710lm	1380lm 1485lm 1590lm 1590lm				
		Standard 18W *(ST18)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	2067lm 2223lm 2379lm 2223lm	1794lm 1931lm 2067lm 2067lm				
		Narrow Beam 6W *(NB6)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	616lm 616lm 665lm 714lm	497lm 532lm 574lm 616lm	9° *(09)*			
		Narrow Beam 8W *(NB8)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	792lm 792lm 855lm 918lm	639lm 684lm 738lm 792lm				
		Zoom 6.4W *(ZM6)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	704lm 713lm 760lm 736lm	568lm 608lm 656lm 704lm	22°–50° *(2250)*			
		Zoom 13W *(ZM13)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	1306lm 1360lm 1435lm 1453lm	1098lm 1150lm 1236lm 1236lm				
				90 *(90)*	95 *(95)*				
		Warm Dimming 0.2–6W *(WD6)*	1800K–3000K *(1830lI)*	636lm	518lm	19° *(19)* 35° *(35)* 50° *(50)* ***DEEP**** 16° *(16)* 30° *(30)* 45° *(45)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless*** *(WL)*	
		Warm Dimming 12W *(WD12)*	1800K–3000K *(1830lI)*	1246lm	1045lm				
		Tunable White 5.9W *(TW6)*	2700K–5000K *(2750lI)*	585lm (both CCTs driven)				DALI *(DL)* Wireless*** *(WL)*	
		Tunable White 11.5W *(TW12)*	2700K–5000K *(2750lI)*	987lm (both CCTs driven)					

*Beam angle only for DEEP version.
** Inner Case applicable only for DEEP versions.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.
**** Applicable only for SOUL IP65/SOUL IP65 DEEP.

ACR.056 Honeycomb (as extra) — **ACR.057** Linear Spread (as extra) — **ACR.059** Softening Lens (as extra)

Ordering Code Example: SOUL DEEP-RD-ST18-30C-80-30-WW-DL-100

SOUL MINI

CREE LEDs

IP20 IP54 IP65

Name	Shape	Model	CCT	CRI80, CRI90 LED Source		Beam Angle	Luminaire Colour: Trim/Inner Case**	Dimming Option	Accessories
				80 *(80)*	90 *(90)*				
SOUL MINI *(SOUL MINI)* **SOUL MINI DEEP** *(SOUL MINI DEEP)* **SOUL MINI ADJ** *(SOUL MINI A)* **SOUL MINI ADJ DEEP** *(SOUL MINI A DEEP)* **SOUL MINI IP65** *(SOUL MINI 65)* **SOUL MINI IP65 DEEP** *(SOUL MINI 65 DEEP)*	Round *(RD)* Square *(SQ)*	**Standard 3W** *(ST3)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	396lm 396lm 428lm 428lm	320lm 342lm 369lm 396lm	27° *(27)* 35° *(35)* 47° *(47)* ***DEEP**** 25° *(25)* 30° *(30)* 38° *(38)*	White *(WH)* Black *(BL)* White/White *(WW)* White/Black *(WB)* Black/Black *(BB)* Black/White *(BW)*	Without Driver *(00)* Non Dimmable *(ND)*	*(XXX)* ***COVER*** Standard *(0XX)* Honeycomb *(1XX)* Linear Spread *(2XX)* Softening Lens *(3XX)* ***IP RATE*** IP20 *(XD1)* IP54 *(XX1)* IP65*** *(X21)* ***EXTRAS*** No Extras *(XX0)* Emergency Kit **** *(XX1)*
		Standard 4.3W *(ST4)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	528lm 528lm 570lm 570lm	426lm 456lm 492lm 528lm				
		Narrow Beam 4W *(NB4)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	440lm 475lm 510lm 510lm	380lm 410lm 410lm 440lm	13° *(13)*			

*Beam angle only for DEEP version.
** Inner Case applicable only for DEEP versions.
*** Applicable only for SOUL IP65/SOUL IP65 DEEP.
**** Emergency option and battery replacement accessibility of the emergency kit should be considered as the kit does not pass through the luminaire cutout. Emergency option can be applied to 2-5 luminaires depending on the driver.

ACR.067 Honeycomb (as extra) — **ACR.066** Linear Spread (as extra) — **ACR.065** Softening Lens (as extra)

Ordering Code Example: SOUL MINI DEEP-RD-ST4-30C-80-38-WB-DL-100

SOUL DEEP LL

IP20 IP54 IP65

Lamp Not included

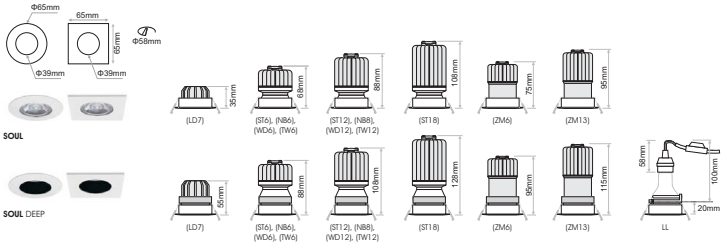
Model	Outer Trim	Luminaire Colour:	Lamp Holder	Accessories
SOUL DEEP LL *(SOUL DEEP LL)* **SOUL ADJ DEEP LL** *(SOUL A DEEP LL)* **SOUL IP65 DEEP LL** *(SOUL 65 DEEP LL)*	Round *(RD)* Square *(SQ)*	White/White *(WW)* White/Black *(WB)* Black/Black *(BB)* Black/White *(BW)*	GU10 (max 7.5W) (G1)	*(XX)* ***COVER*** Standard *(0x)* Honeycomb *(1x)* Linear Spread *(2x)* Softening Lens *(3x)* ***IP RATE*** IP20 *(xD)* IP54 *(x1)* IP65* *(x2)*

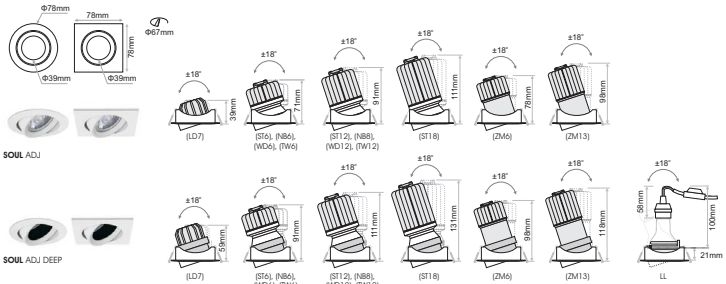
ACR.056 Honeycomb (as extra) — **ACR.057** Linear Spread (as extra) — **ACR.059** Softening Lens (as extra)

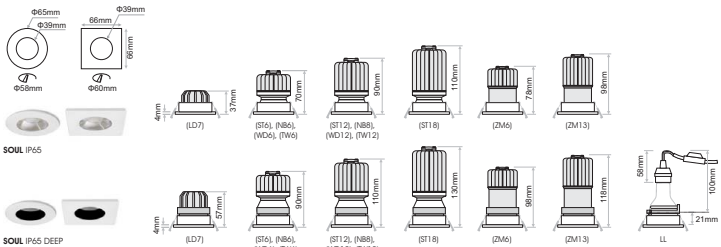
* Applicable only for SOUL IP65 DEEP

Ordering Code Example: SOUL A DEEP LL-RD-WW-G1-10

SOUL







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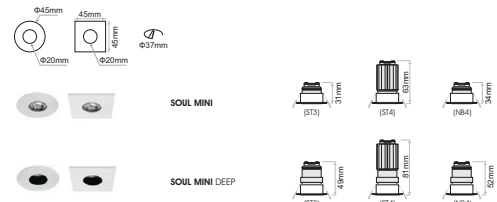
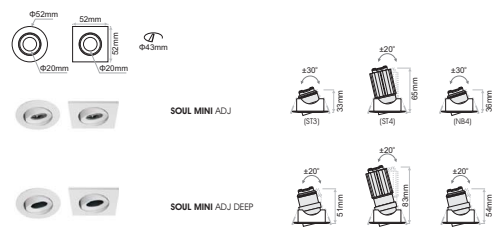
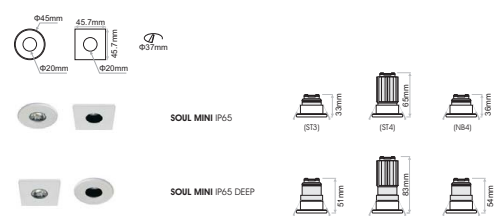
SOUL MINI







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SOUL

LD7

SOUL / SOUL ADJ
LOR 0.67 / 0.58
30°

SOUL DEEP BL / SOUL ADJ DEEP WH
LOR 0.46 / 0.49
27°

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

SOUL / SOUL ADJ

LOR 0.79 / 0.71
19°

LOR 0.87 / 0.77
35°

LOR 0.83 / 0.80
50°

SOUL DEEP BL / SOUL ADJ DEEP WH

LOR 0.62 / 0.51
16°

LOR 0.53 / 0.57
30°

LOR 0.68 / 0.63
45°

NB6 / NB8

SOUL / SOUL ADJ

LOR 0.87
9°

SOUL DEEP BL / SOUL ADJ DEEP BL

LOR 0.74
9°

ZM6 / ZM13

SOUL / SOUL ADJ

LOR 0.61
22°

LOR 0.60
50°

SOUL DEEP BL / SOUL ADJ DEEP BL

LOR 0.53
22°

LOR 0.52
50°

SOUL MINI

ST3 / ST4

SOUL MINI / SOUL MINI ADJ

LOR 0.82 / 0.76
27°

LOR 0.84 / 0.81
35°

LOR 0.74 / 0.72
47°

SOUL MINI DEEP BL / SOUL MINI ADJ DEEP WH

LOR 0.60 / 0.62
25°

LOR 0.60 / 0.60
30°

LOR 0.50/ 0.57
38°

Alila Resort & Spa, Rhodes, Greece

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HIDE RC Series

Ceiling Recessed

- HIDE & HIDE MINI is a series of downlights available either recessed or trimless.
- It is available either round or square.
- It is adjustable and rotatable.
- It is available in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- HIDE DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

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HIDE

RC Round

RC Square

RC Square Double

DEEP RC Round

DEEP RC Square

DEEP RC Square Double

HIDE MINI

RC Round

RC Square

DEEP RC Round

DEEP RC Square

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Ceiling Recessed

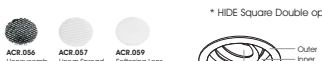
HIDE

CREE LEDs — *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13*

LIGHTSOURCE BY bridgelux — *WD6,WD12,TW6,TW12*

IP20 | IP54

Name	Shape	Model *Watt per LED*	CCT	CRI80, CRI90 *LED Source*	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
				80 *(80)* 90 *(90)*				
HIDE RC *(HIDE RC)*	Round *(RD)*	**Low Depth 7W** *(LD7)*	2700K *(27C)*	930lm 762lm	30° *(30)*	*(XXX)*	Without Driver *(00)*	*(XXX)*
HIDE RC DEEP *(HIDE RC DEEP)*	Square *(SQ)*		3000K *(30C)*	960lm 792lm	***DEEP*****	***OUTER***	Non Dimmable *(ND)*	***COVER***
	Square Double* *(SQD)*		4000K *(40C)*	1020lm 840lm	27° *(27)*	White *(W)*	Analogue (1-10V) *(A1)*	Standard *(00)*
			5000K *(50C)*	1020lm 840lm		Black *(B)*	DMX *(DX)*	Honeycomb *(1XX)*
		Standard 6.2W *(ST6)*	2700K *(27C)*	704lm 568lm	19° *(19)*	***INNER***	DALI *(DL)*	Linear Spread *(2XX)*
			3000K *(30C)*	713lm 608lm	35° *(35)*	White *(W)*	Push Button *(PB)*	Softening Lens *(3XX)*
			4000K *(40C)*	760lm 656lm	50° *(50)*	Black *(B)*	Phase Cut *(PC)*	***IP RATE***
			5000K *(50C)*	736lm 704lm	***DEEP*****	***DEEP***	Wireless*** *(WL)*	IP20 *(XD1)*
		Standard 12.2W *(ST12)*	2700K *(27C)*	1590lm 1380lm	17° *(17)*	Without *(N)*		IP54 *(XX1)*
			3000K *(30C)*	1710lm 1485lm	30° *(30)*	White *(W)*		***EXTRAS***
			4000K *(40C)*	1830lm 1590lm	45° *(45)*	Black *(B)*		No Extras *(XX0)*
			5000K *(50C)*	1710lm 1590lm				Emergency Kit *(XX1)*
		Standard 18W *(ST18)*	2700K *(27C)*	2067lm 1794lm				
			3000K *(30C)*	2223lm 1931lm				
			4000K *(40C)*	2379lm 2067lm				
			5000K *(50C)*	2223lm 2067lm				
		Narrow Beam 6W *(NB6)*	2700K *(27C)*	616lm 497lm	9° *(09)*			
			3000K *(30C)*	616lm 532lm				
			4000K *(40C)*	665lm 574lm				
			5000K *(50C)*	714lm 616lm				
		Narrow Beam 8W *(NB8)*	2700K *(27C)*	792lm 639lm				
			3000K *(30C)*	792lm 684lm				
			4000K *(40C)*	855lm 738lm				
			5000K *(50C)*	918lm 792lm				
		Zoom 6.4W *(ZM6)*	2700K *(27C)*	704lm 568lm	22°–50° *(2250)*			
			3000K *(30C)*	713lm 608lm				
			4000K *(40C)*	760lm 656lm				
			5000K *(50C)*	736lm 704lm				
		Zoom 13W *(ZM13)*	2700K *(27C)*	1306lm 1098lm				
			3000K *(30C)*	1360lm 1150lm				
			4000K *(40C)*	1435lm 1236lm				
			5000K *(50C)*	1453lm 1236lm				
				90 *(90)* 95 *(95)*				
		Warm Dimming 0.2–6W *(WD6)*	1800K–3000K *(1830B)*	636lm 518lm	19° *(19)*		Analogue (1-10V) *(A1)*	
					35° *(35)*		DALI *(DL)*	
					50° *(50)*		Phase Cut *(PC)*	
					DEEP**		Wireless*** *(WL)*	
		Warm Dimming 12W *(WD12)*	1800K–3000K *(1830B)*	1246lm 1045lm	17° *(17)* 30° *(30)* 45° *(45)*			
		Tunable White 5.9W *(TW6)*	2700K–5000K *(2750B)*	585lm (both CCTs driven)			DALI *(DL)* Wireless*** *(WL)*	
		Tunable White 11.5W *(TW12)*	2700K–5000K *(2750B)*	987lm (both CCTs driven)				



* HIDE Square Double option example: HIDE RC SQD-ST6-30C-35-WWW-00-000 will be with 2pcs from ST6 modules.
** Beam angle only for DEEP version.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HIDE RC-RD-ST18-30C-80-35-WWW-DL-100

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ELECTRON

Ceiling Recessed

HIDE MINI

CREE LEDs

IP20 | IP54

Name	Shape	Model	CCT	CRI80, CRI90 *LED Source*	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
				80 *(80)* 90 *(90)*				
HIDE MINI RC *(HIDE MINI RC)*	Round *(RD)*	**Standard 3W** *(ST3)*	2700K *(27C)*	396lm 320lm	27° *(27)*	*(XXX)*	Without Driver *(00)*	*(XXX)*
HIDE MINI RC DEEP *(HIDE MINI RC DEEP)*	Square *(SQ)*		3000K *(30C)*	396lm 342lm	35° *(35)*	***OUTER***	Non Dimmable *(ND)*	***COVER***
			4000K *(40C)*	428lm 369lm	47° *(47)*	White *(W)*	Analogue (1-10V) *(A1)*	Standard *(00)*
			5000K *(50C)*	428lm 396lm	***DEEP****	Black *(B)*	DMX *(DX)*	Honeycomb *(1XX)*
		Standard 4.3W *(ST4)*	2700K *(27C)*	528lm 426lm	25° *(25)*	***INNER***	DALI *(DL)*	Linear Spread *(2XX)*
			3000K *(30C)*	528lm 456lm	30° *(30)*	White *(W)*	Push Button *(PB)*	Softening Lens *(3XX)*
			4000K *(40C)*	570lm 492lm	38° *(38)*	Black *(B)*	Phase Cut *(PC)*	***IP RATE***
			5000K *(50C)*	570lm 528lm		***DEEP***	Wireless*** *(WL)*	IP20 *(XD1)*
		Narrow Beam 4W *(NB4)*	2700K *(27C)*	440lm 380lm	13° *(13)*	Without *(N)*		IP54 *(XX1)*
			3000K *(30C)*	475lm 410lm		White *(W)*		***EXTRAS***
			4000K *(40C)*	510lm 410lm		Black *(B)*		No Extras *(XX0)*
			5000K *(50C)*	510lm 440lm				Emergency Kit *(XX1)*

*Beam angle only for DEEP version
** Inner Case applicable only for DEEP versions.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
HIDE MINI RC DEEP-RD-ST4-30C-80-38-WWW-DL-100

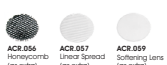
HIDE DEEP LL

IP20 | IP54

Model	Shape	Luminaire Colour	Lamp Holder	Accessories
HIDE RC DEEP LL *(HIDE RC DEEP LL)*	Round *(RD)*	*(XXX)*	GU10 (max 7.5W) (G1)	*(XX)*
	Square *(SQ)*	***OUTER***		***COVER***
	Square Double *(SQD)*	White *(W)*		Standard *(0/)*
		Black *(B)*		Honeycomb *(1/)*
		INNER		Linear Spread *(2/)*
		White *(W)*		Softening Lens *(3/)*
		Black *(B)*		***IP RATE***
		DEEP		IP20 *(/0)*
		White *(W)*		IP54 *(/1)*
		Black *(B)*		

Lamp
Not included

Ordering Code Example:
HIDE RC DEEP LL-RD-WWW-G1-10



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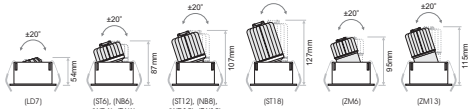
HIDE

HIDE RC Round



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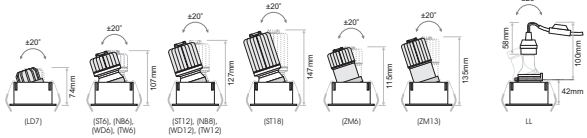
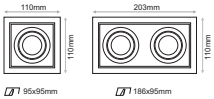
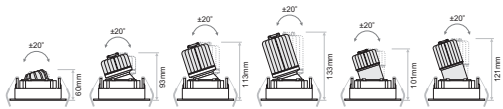




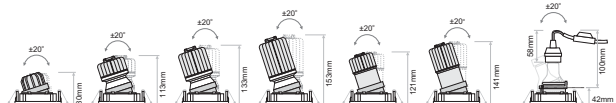
HIDE RC Square

HIDE RC Square Double



HIDE DEEP RC Square

HIDE DEEP RC Square Double



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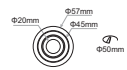
HIDE MINI



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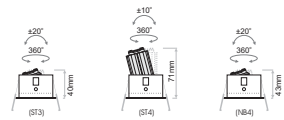

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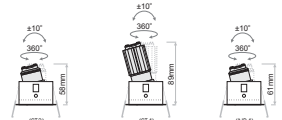

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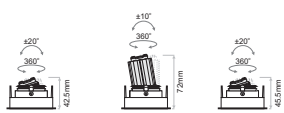
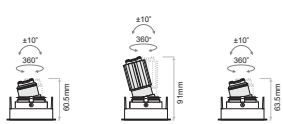


HIDE MINI DEEP RC Square



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HIDE

LD7

HIDE WH

30° LOR 0.64

HIDE DEEP WH

27° LOR 0.50

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

HIDE WH

19° LOR 0.76

35° LOR 0.82

50° LOR 0.79

HIDE DEEP BL

17° LOR 0.58

30° LOR 0.55

45° LOR 0.65

NB6/ NB8

HIDE WH

9° LOR 0.78

HIDE DEEP WH

9° LOR 0.71

ZM6/ ZM13

HIDE WH

22° LOR 0.60

50° LOR 0.58

HIDE DEEP WH

22° LOR 0.51

50° LOR 0.50

HIDE MINI

ST3 / ST4

HIDE WH

27° LOR 0.81

35° LOR 0.79

47° LOR 0.74

HIDE DEEP BL

25° LOR 0.57

30° LOR 0.61

38° LOR 0.52

Atlia Resort & Spa, Rhodes, Greece

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SANTI Series

Ceiling Recessed

- SANTI and SANTI MINI is a series of elegant recessed downlights with extra small trim.
- It is available either round or square.
- Santi is also available in wash version.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- SANTI DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Available in black or white as standard but custom colours also available upon request.
- Luminaire outer trim material: aluminium.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

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SANTI

ADJ

WASH

SANTI MINI

ADJ

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SANTI

CREE LEDs — LD7,ST5,ST12,ST18,NB6,NB8,ZM6,ZM13

LIGHTSOURCE BY bridgelux. — WD6,WD12,TW6,TW12

IP20 IP54

Name	Shape*	Model	CCT	CRI80, CRI90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
				80 (80) 90 (90)				
SANTI (SANTI)	Round (RD)	**Low Depth 7W** (LD7)	2700K (27C)	930lm 762lm	30° (30)	White (WH)	Without Driver (00)	(XXX)
SANTI ADJ (SANTI A)	Square (SQ)		3000K (30C)	960lm 792lm		Black (BL)	Non Dimmable (ND)	
SANTI WASH (SANTI W)			4000K (40C)	1020lm 840lm			Analogue (1-10V) (A1)	
			5000K (50C)	1020lm 840lm			DMX (DX)	
		Standard 6.2W (ST5)	2700K (27C)	704lm 568lm	19° (19)		DALI (DL)	
			3000K (30C)	713lm 608lm	35° (35)		Push Button (PB)	
			4000K (40C)	760lm 656lm	50° (50)		Phase Cut (PC)	
			5000K (50C)	736lm 704lm	***WASH**** 17° (17)		Wireless*** (WL)	
		Standard 12.2W (ST12)	2700K (27C)	1590lm 1380lm	23° (23)			***IP RATE***
			3000K (30C)	1710lm 1485lm	32° (32)			IP20 (1D1)
			4000K (40C)	1830lm 1590lm				IP54 (1X1)
			5000K (50C)	1710lm 1590lm				***EXTRAS***
		Standard 18W (ST18)	2700K (27C)	2067lm 1794lm				No Extras (0X0)
			3000K (30C)	2223lm 1931lm				Emergency Kit (0X1)
			4000K (40C)	2379lm 2067lm				
			5000K (50C)	2223lm 2067lm				***COVER***
		Narrow Beam 6W (NB6)	2700K (27C)	616lm 497lm	9° (09)			Standard (0X1)
			3000K (30C)	616lm 532lm				Honeycomb (1X1)
			4000K (40C)	665lm 574lm				Linear Spread (2X1)
			5000K (50C)	714lm 616lm				Softening Lens (3X1)
		Narrow Beam 8W (NB8)	2700K (27C)	792lm 639lm				
			3000K (30C)	792lm 684lm				
			4000K (40C)	855lm 738lm				
			5000K (50C)	918lm 792lm				
		Zoom 6.4W (ZM6)	2700K (27C)	704lm 568lm	22°–50° (2250)			
			3000K (30C)	713lm 608lm				
			4000K (40C)	760lm 656lm				
			5000K (50C)	736lm 704lm				
		Zoom 13W (ZM13)	2700K (27C)	1306lm 1098lm				
			3000K (30C)	1360lm 1150lm				
			4000K (40C)	1435lm 1236lm				
			5000K (50C)	1453lm 1236lm				
				90 (90) 95 (95)				
		Warm Dimming 0.2~6W (WD6)	1800K–3000K (1830B)	635lm 518lm	19° (19) 35° (35) 50° (50) ***WASH**** 17° (17) 23° (23) 32° (32)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)	
		Warm Dimming 12W (WD12)	1800K–3000K (1830B)	1246lm 1045lm				
		Tunable White 5.9W (TW6)	2700K–5000K (2750B)	585lm (both CCTs driven)			DALI (DL) Wireless*** (WL)	
		Tunable White 11.5W (TW12)	2700K–5000K (2750B)	987lm (both CCTs driven)				

ACR.056 Honeycomb (as extra) — ACR.057 Linear Spread (as extra) — ACR.059 Softening Lens (as extra)

* SANTI only available in round shape.
** Beam angle only for WASH version.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: SANTI W-RD-ST18-30C-80-32-WH-DL-100

SANTI MINI

CREE LEDs

IP20 IP54

Name	Shape	Model	CCT	CRI80, CRI90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
				80 (80) 90 (90)				
SANTI MINI (SANTI MINI)	Round (RD)	**Standard 3W** (ST3)	2700K (27C)	396lm 320lm	27° (27)	White (WH)	Without Driver (00)	(XXX)
SANTI MINI ADJ (SANTI MINI A)	Square (SQ)		3000K (30C)	396lm 342lm	35° (35)	Black (BL)	Non Dimmable (ND)	
			4000K (40C)	428lm 369lm	47° (47)		Analogue (1-10V) (A1)	
			5000K (50C)	428lm 396lm			DMX (DX)	
		Standard 4.3W (ST4)	2700K (27C)	528lm 426lm			DALI (DL)	
			3000K (30C)	528lm 456lm			Push Button (PB)	
			4000K (40C)	570lm 492lm			Phase Cut (PC)	
			5000K (50C)	570lm 528lm			Wireless* (WL)	
		Narrow Beam 4W (NB4)	2700K (27C)	440lm 380lm	13° (13)			***COVER***
			3000K (30C)	475lm 410lm				Standard (0X1)
			4000K (40C)	510lm 410lm				Honeycomb (1X1)
			5000K (50C)	510lm 440lm				Linear Spread (2X1)
								Softening Lens (3X1)
								IP RATE
								IP20 (1D1)
								IP54 (1X1)
								EXTRAS
								No Extras (0X0)
								Emergency Kit** (0X1)

ACR.067 Honeycomb (as extra) — ACR.066 Linear Spread (as extra) — ACR.065 Softening Lens (as extra)

* The wireless dimming option includes driver and Bluetooth dimming accessory.
** Emergency option and battery replacement accessibility of the emergency kit should be considered as the kit does not pass through the luminaire cutout. Emergency option can be applied to 2-5 luminaires depending on the driver.

Ordering Code Example: SANTI MINI-RD-ST4-30C-80-35-WH-DL-100

SANTI DEEP LL

IP20 IP54

Model	Outer Trim	Luminaire Colour:	Lamp Holder	Accessories
SANTI DEEP LL (SANTI DEEP LL)	Round (RD)	White/White (WW)	GU10 (max 7.5W) (G1)	(XX)
SANTI ADJ DEEP LL (SANTI A DEEP LL)	Square (SQ)	White/Black (WB)		***COVER***
SANTI WASH DEEP LL (SANTI W DEEP LL)		Black/Black (BB)		Standard (0X)
		Black/White (BW)		Honeycomb (1X)
				Linear Spread (2X)
				Softening Lens (3X)
				IP RATE
				IP20 (1D)
				IP54 (1X)

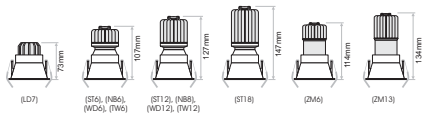
Lamp Not included

Ordering Code Example: SANTI A DEEP LL-RD-WW-G1-10

ACR.056 Honeycomb (as extra) — ACR.057 Linear Spread (as extra) — ACR.059 Softening Lens (as extra)

SANTI

SANTI



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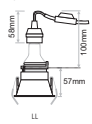

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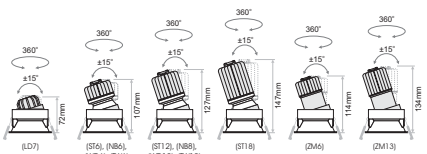

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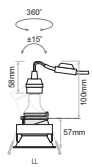

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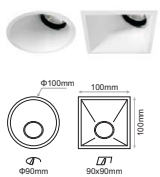

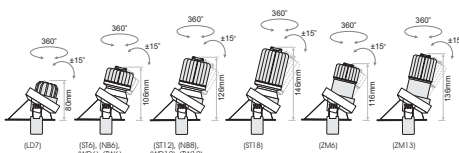

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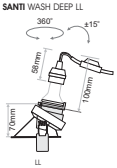
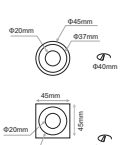
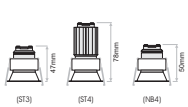


SANTI MINI

SANTI MINI





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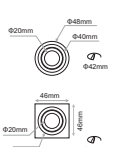
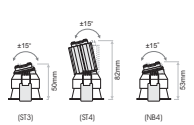




SANTI

LD7

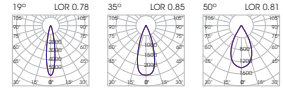
SANTI WH

SANTI ADJ WH

SANTI WASH WH

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

SANTI RD WH



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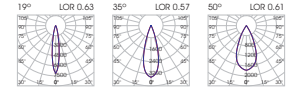

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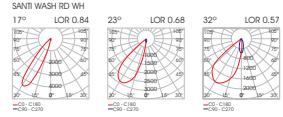


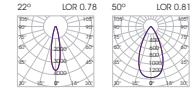
NB6/ NB8

SANTI RD WH

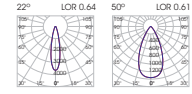
SANTI ADJ RD WH

ZM6/ ZM13

SANTI RD WH

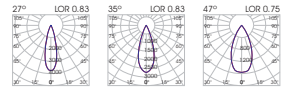


SANTI ADJ RD WH



SANTI MINI

ST3 / ST4



NB4

Golden Yachts - Yacht O'PARI

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WHISPER RC Series

Ceiling Recessed

- Whisper is a high aesthetically downlight available recessed or trimless.
- It is available either round or square.
- WHISPER DEEP version is also available for LED lamps.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

RC

ADJ

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ELECTRON

CREE LEDs
LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13

LIGHTSOURCE BY bridgelux
WD6,WD12,TW6,TW12

IP20 | IP54

Name	Shape*	Model	CCT	CRI80, CRI90 LED Source	Beam Angle	Luminaire Colour: Trim/Inner Case	Dimming Option	Accessories
				80 *(80)* 90 *(90)*				
WHISPER RC *(WHISPER RC)*	Round *(RD)*	**Low Depth 7W** *(LD7)*	2700K *(27C)*	930lm 762lm	30° *(30)*	White/White *(WW)*	Without Driver *(00)*	*(XXX)*
WHISPER ADJ *(WHISPER A)*	Square *(SQ)*		3000K *(30C)*	960lm 792lm		White/Black *(WB)*	Non Dimmable *(ND)*	
			4000K *(40C)*	1020lm 840lm		Black/Black *(BB)*	Analogue (1-10V) *(A1)*	
			5000K *(50C)*	1020lm 840lm		Black/White *(BW)*	DMX *(DX)*	
		Standard 6.2W *(ST6)*	2700K *(27C)*	704lm 568lm	18° *(18)*		DALI *(DL)*	**COVER**
			3000K *(30C)*	713lm 608lm	37° *(37)*		Push Button *(PB)*	Standard *(0XX)*
			4000K *(40C)*	760lm 656lm	52° *(52)*		Phase Cut *(PC)*	Honeycomb *(1XX)*
			5000K *(50C)*	736lm 704lm			Wireless** *(WL)*	Linear Spread *(2XX)*
		Standard 12.2W *(ST12)*	2700K *(27C)*	1590lm 1380lm				Softening Lens *(3XX)*
			3000K *(30C)*	1710lm 1485lm				
			4000K *(40C)*	1830lm 1590lm				**IP RATE**
			5000K *(50C)*	1710lm 1590lm				IP20 *(XX0)*
		Standard 18W *(ST18)*	2700K *(27C)*	2067lm 1794lm				IP54 *(XX1)*
			3000K *(30C)*	2223lm 1931lm				
			4000K *(40C)*	2379lm 2067lm				**EXTRAS**
			5000K *(50C)*	2223lm 2067lm				No Extras *(XX0)*
		Narrow Beam 6W *(NB6)*	2700K *(27C)*	616lm 497lm	9° *(09)*			Emergency Kit *(XX1)*
			3000K *(30C)*	616lm 532lm				
			4000K *(40C)*	665lm 574lm				
			5000K *(50C)*	714lm 616lm				
		Narrow Beam 8W *(NB8)*	2700K *(27C)*	792lm 639lm				
			3000K *(30C)*	792lm 684lm				
			4000K *(40C)*	855lm 738lm				
			5000K *(50C)*	918lm 792lm				
		Zoom 6.4W *(ZM6)*	2700K *(27C)*	704lm 568lm	22°–50° *(2250)*			
			3000K *(30C)*	713lm 608lm				
			4000K *(40C)*	760lm 656lm				
			5000K *(50C)*	736lm 704lm				
		Zoom 13W *(ZM13)*	2700K *(27C)*	1306lm 1098lm				
			3000K *(30C)*	1360lm 1150lm				
			4000K *(40C)*	1435lm 1236lm				
			5000K *(50C)*	1453lm 1236lm				
				90 *(90)* 95 *(95)*				
		Warm Dimming 0.2–6W *(WD6)*	1800K–3000K *(1830B)*	636lm 518lm	18° *(18)* 37° *(37)* 52° *(52)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless** *(WL)*	
		Warm Dimming 12W *(WD12)*	1800K–3000K *(1830B)*	1245lm 1045lm				
		Tunable White 5.9W *(TW6)*	2700K–5000K *(2750B)*	585lm (both CCTs driven)			DALI *(DL)* Wireless** *(WL)*	
		Tunable White 11.5W *(TW12)*	2700K–5000K *(2750B)*	987lm (both CCTs driven)				

ACR.056 Honeycomb (as extra)

ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

* WHISPER ADJ only available in round shape

** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *WHISPER RC-RD-ST18-30C-80-37-WW-DL-100*

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WHISPER DEEP LL

IP20 IP54

Model	Shape*	Luminaire Colour:	Lamp Holder	Accessories
WHISPER RC DEEP LL *(WHISPER RC DEEP LL)*	Round *(RD)*	White/White *(WW)*	GU10 (max 7.5W) (G1)	*(XX)*
WHISPER ADJ DEEP LL *(WHISPER A DEEP LL)*	Square *(SQ)*	White/Black *(WB)*		***COVER***
		Black/Black *(BB)*		Standard *(0X)*
		Black/White *(BW)*		Honeycomb *(1X)*
				Linear Spread *(2X)*
				Softening Lens *(3X)*
				IP RATE
				IP20 *(X0)*
				IP54 *(X1)*

Lamp
Not included

* WHISPER ADJ DEEP Retrofit only available in round shape

Ordering Code Example:
WHISPER RC DEEP LL-RD-WW-G1-10

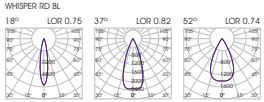
ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

LD7
WHISPER RD BL

30° LOR 0.60

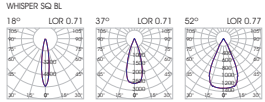
ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12
WHISPER RD BL

18° LOR 0.75 37° LOR 0.82 52° LOR 0.74



WHISPER SQ BL

18° LOR 0.71 37° LOR 0.71 52° LOR 0.77

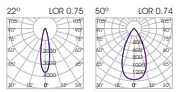


NB6/ NB8
WHISPER RD BL

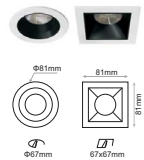
9° LOR 0.77

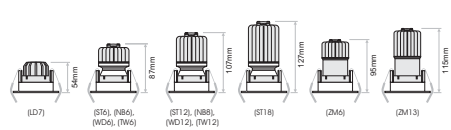
ZM6/ ZM13
WHISPER RD BL

22° LOR 0.75 50° LOR 0.74

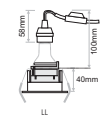


WHISPER RC

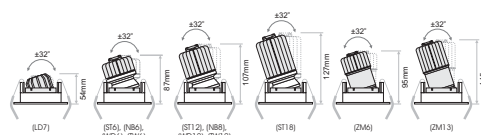




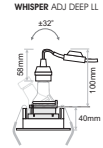
WHISPER RC DEEP LL



WHISPER ADJ



WHISPER ADJ DEEP LL



CRUSH RC Series

Ceiling Recessed

- Crush is a downlight available either recessed or trimless.
- It is available in square or round form.
- Power consumption: varies from 6 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- CRUSH is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

RC

RC Double

RC Round

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CRUSH

CREE LEDs — LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13

LIGHTSOURCE BY bridgelux — WD6,WD12,TW6,TW12

IP20 | IP54

Name	Model / Watt per LED	CCT	CRI80, CRI90 / LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
			80 (80) 90 (90)				
CRUSH RC (CRUSH RC) **CRUSH RC Double*** (CRUSH RC DB) **CRUSH RC Round** (CRUSH RC RD)	**Low Depth 7W** (LD7)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	930lm 762lm 960lm 792lm 1020lm 840lm 1020lm 840lm	30° (30)	White (WH) Black (BL)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	(XXX) **COVER** Standard (0X0) Honeycomb (1X0) Linear Spread (2X0) Softening Lens (3X0) **IP RATE** IP20 (X0X) IP54 (X1X) **EXTRAS** No Extras (X0Q) Emergency Kit (X1X)
	Standard 6.2W (ST6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 568lm 713lm 608lm 760lm 656lm 736lm 704lm	19° (19) 35° (35) 50° (50)			
	Standard 12.2W (ST12)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590lm 1380lm 1710lm 1485lm 1830lm 1590lm 1710lm 1590lm				
	Standard 18W (ST18)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2067lm 1794lm 2223lm 1931lm 2379lm 2067lm 2223lm 2067lm				
	Narrow Beam 6W (NB6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	616lm 497lm 616lm 532lm 665lm 574lm 714lm 616lm	9° (09)			
	Narrow Beam 8W (NB8)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	792lm 639lm 792lm 684lm 855lm 738lm 918lm 792lm				
	Zoom 6.4W (ZM6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 568lm 713lm 608lm 760lm 656lm 736lm 704lm	22°–50° (2250)			
	Zoom 13W (ZM13)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1306lm 1098lm 1360lm 1150lm 1435lm 1236lm 1453lm 1236lm				
			90 (90) 95 (95)				
	Warm Dimming 0.2~6W (WD6)	1800K–3000K (1830B)	636lm 518lm	19° (19) 35° (35) 50° (50)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	
	Warm Dimming 12W (WD12)	1800K–3000K (1830B)	1246lm 1045lm				
	Tunable White 5.9W (TW6)	2700K–5000K (2750B)	585lm (both CCTs driven)			DALI (DL) Wireless** (WL)	
	Tunable White 11.5W (TW12)	2700K–5000K (2750B)	987lm (both CCTs driven)				

ACR.056 Honeycomb (as extra)

ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

*CRUCH RC Double option example: CRUSH RC DB-ST12-30C-35-WH-00-000 will be with 2pcs from ST12 modules.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CRUSH RC-ST18-30C-80-50-WH-DL-100

CRUSH LL

IP20 IP54

Model	Luminaire Colour:	Lamp Holder	Accessories
CRUSH RC LL *(CRUSH RC LL)*	White/White *(WW)*	GU10 (max 7.5W) (G1)	*(XX)*
CRUSH RC Double LL *(CRUSH RC DB LL)*	White/Black *(WB)*		**COVER**
CRUSH RC Round LL *(CRUSH RC RD LL)*	Black/Black *(BB)*		Standard *(0X)*
	Black/White *(BW)*		Honeycomb *(1X)*
			Linear Spread *(2X)*
			Softening Lens *(3X)*
			IP RATE
			IP20 *(1X)*
			IP54 *(1X)*

Lamp
Not included

Ordering Code Example:
CRUSH RC LL-WW-G1-10

ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

LD7

30° LOR 0,53

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

19° LOR 0.652

35° LOR 0.643

50° LOR 0.622

NB6/ NB8

9° LOR 0,759

ZM6/ ZM13

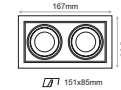
22 LOR 0.66

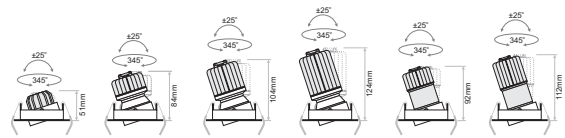
50 LOR 0.62

CRUSH RC

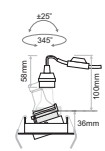
CRUSH RC Double

CRUSH RC Round





(LD7) (ST6), (NB6), (WD6), (TW6) (ST12), (NB8), (WD12), (TW12) (ST18) (ZM6) (ZM13)



LL

POT Series

Ceiling Recessed

- POT is a recessed adjustable downlight.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- POT DEEP version is also available for LED lamps.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- IP20

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Ceiling Recessed

CREE LEDs *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13*

LIGHTSOURCE BY bridgelux *WD6,WD12,TW6,TW12*

IP20

Name	Model	CCT	CRI80, CRI90 LED Source		Beam Angle		Luminaire Colour	Dimming Option	Accessories
			80 *(80)*	90 *(90)*					
POT *(POT)*	**Low Depth 7W** *(LD7)*	2700K *(27C)*	930lm	762lm	31°x35°	*(35)*	White *(WH)*	Without Driver *(D0)*	*(XXX)*
		3000K *(30C)*	960lm	792lm			Black *(BL)*	Non Dimmable *(ND)*	
		4000K *(40C)*	1020lm	840lm				Analogue (1-10V) *(A1)*	
		5000K *(50C)*	1020lm	840lm				DMX *(DX)*	
	Standard 6.2W *(ST6)*	2700K *(27C)*	704lm	568lm	20°x28°	*(28)*		DALI *(DL)*	
		3000K *(30C)*	713lm	608lm	32°x42°	*(42)*		Push Button *(PB)*	
		4000K *(40C)*	760lm	656lm	42°x50°	*(50)*		Phase Cut *(PC)*	
		5000K *(50C)*	736lm	704lm				Wireless* *(WL)*	
	Standard 12.2W *(ST12)*	2700K *(27C)*	1590lm	1380lm					
		3000K *(30C)*	1710lm	1485lm					
		4000K *(40C)*	1830lm	1590lm					
		5000K *(50C)*	1710lm	1590lm					
	Standard 18W *(ST18)*	2700K *(27C)*	2067lm	1794lm					
		3000K *(30C)*	2223lm	1931lm					
		4000K *(40C)*	2379lm	2067lm					
		5000K *(50C)*	2223lm	2067lm					
	Narrow Beam 6W *(NB6)*	2700K *(27C)*	616lm	497lm	8°x12°	*(12)*			
		3000K *(30C)*	616lm	532lm					
		4000K *(40C)*	665lm	574lm					
		5000K *(50C)*	714lm	616lm					
	Narrow Beam 8W *(NB8)*	2700K *(27C)*	792lm	639lm					
		3000K *(30C)*	792lm	684lm					
		4000K *(40C)*	855lm	738lm					
		5000K *(50C)*	918lm	792lm					
	Zoom 6.4W *(ZM6)*	2700K *(27C)*	704lm	568lm	17°x23°–35°x45°	*(23-45)*			
		3000K *(30C)*	713lm	608lm					
		4000K *(40C)*	760lm	656lm					
		5000K *(50C)*	736lm	704lm					
	Zoom 13W *(ZM13)*	2700K *(27C)*	1306lm	1098lm					
		3000K *(30C)*	1360lm	1150lm					
		4000K *(40C)*	1435lm	1236lm					
		5000K *(50C)*	1453lm	1236lm					
			90 *(90)*	95 *(95)*					
	Warm Dimming 0.2~6W *(WD6)*	1800K–3000K *(1830B)*	636lm	518lm	20°x28°	*(28)*		Analogue (1-10V) *(A1)*	
					32°x42°	*(42)*		DALI *(DL)*	
					42°x50°	*(50)*		Phase Cut *(PC)*	
	Warm Dimming 12W *(WD12)*	1800K–3000K *(1830B)*	1246lm	1045lm				Wireless* *(WL)*	
	Tunable White 5.9W *(TW6)*	2700K–5000K *(2750B)*	585lm (both CCTs driven)					DALI *(DL)*	
								Wireless* *(WL)*	
	Tunable White 11.5W *(TW12)*	2700K–5000K *(2750B)*	987lm (both CCTs driven)						

(XXX)

COVER
Standard *(D00)*
Honeycomb *(H00)*
Linear Spread *(200)*
Softening Lens *(300)*

IP RATE
IP20 *(X0X)*

EXTRAS
No Extras *(XX0)*
Emergency Kit *(XX1)*

ACR.056 Honeycomb (as extra)

ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *POT-ST18-30C-80-42-WH-DL-100*

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POT DEEP LL

IP20

Model	Luminaire Colour:	Lamp Holder	Accessories
POT DEEP LL *(POT DEEP LL)*	White/White *(WW)* White/Black *(WB)* Black/Black *(BB)* Black/White *(BW)*	GU10 (max 7.5W) (G1)	*(XX)* ***COVER*** Standard *(G1)* Honeycomb *(Y1)* Linear Spread *(Z1)* Softening Lens *(31)* ***IP RATE*** IP20 *(-10)*

Lamp
Not included

Ordering Code Example: *POT DEEP LL-WW-G1-10*

ACR.056
Honeycomb
(as extra)

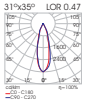
ACR.057
Linear Spread
(as extra)

ACR.059
Softening Lens
(as extra)

POT WH

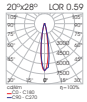
LD7

31°x35° LOR 0.47



ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

20°x28° LOR 0.59



32°x42° LOR 0.57

42°x50° LOR 0.44

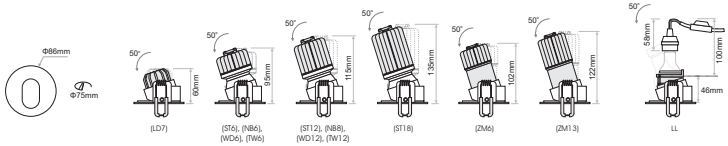
NB6/ NB8

8°x12° LOR 0.69

ZM6/ ZM13

17°x23° LOR 0.43

35°x45° LOR 0.36



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POLAR RC

Ceiling Recessed

- Polar is a miniaturized downlight available either recessed or trimless.
- It is ideal in spaces with low depth ceiling due to its special design.
- It is available in round (8.2W, 12W, 18W) or square (8.2W).
- Body material: aluminium.
- Selection of IP protection: either IP40 or IP44.
- 3 SDCM
- L90/B10 50000h
- It has a low UGR ensuring visual comfort (UGR<16).

8.2W

12W

18W

CREE LEDs | IP40 | IP44

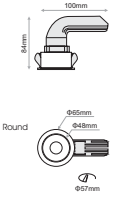
Model	LED Power	Type	IP Protection	CCT	CRI80, CRI90 LED Source		Beam Angle	Type	Colour*: Outer / Inner trim	Dimming Option		Extras
					80 (80)	90 (90)						
POLAR Recessed (POLAR RC)	**8.2W** (8)	Round (RD)	IP40 (40)	2700K (27C)	792lm	639lm	12° (VN)	Fixed (FX)	White/White (WW)	Without Driver	(00)	
				3000K (30C)	792lm	684lm	16° (NR)			Non Dimmable	(ND)	
		Square (SQ)	IP44 (44)	3500K (35C)	855lm	684lm	20° (MD)		White/Black (WB)	Phase Cut	(PC)	
				4000K (40C)	855lm	738lm	30° (WD)			24V PWM Dimmable	(24V)	
				5000K (50C)	918lm	792lm	44° (VW)		Black/Black (BB)	48V PWM Dimmable	(48V)	
									Black/White (BW)			
	12W (12)	Round (RD)		2700K (27C)	1590lm	1380lm	18° (MD)			Without Driver	(00)	Standard (00)
				3000K (30C)	1710lm	1485lm	30° (WD)			Non Dimmable	(ND)	Honeycomb (01)
				4000K (40C)	1830lm	1590lm	50° (VW)			Analogue (1-10V)	(A1)	
				5000K (50C)	1710lm	1590lm				DMX	(DX)	
										DALI	(DL)	
	18W (18)			2700K (27C)	2065lm	1795lm				Push Button	(PB)	
				3000K (30C)	2225lm	1930lm				Phase Cut	(PC)	
				4000K (40C)	2380lm	2065lm				Wireless**	(WL)	
				5000K (50C)	2225lm	2065lm				48V PWM Dimmable	(48V)	

* Outer trim custom colours available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

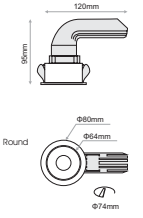
Ordering Code Example: *POLAR RC-8-RD-44-30C-80-NR-FX-WB-DL*

8.2W

12W

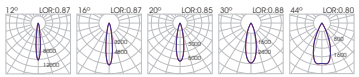


18W

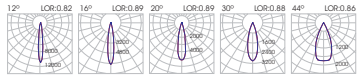


8.2W

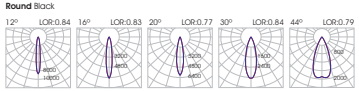
Round White



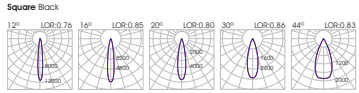
Square White



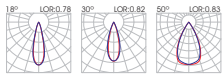
Round Black



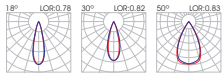
Square Black



12W



18W



Residence (Platres / Cyprus)
Lighting Design: Alkestis Skarlatou - light in space
Architect: Elena Konstantinidou Architects
Photo: Maria Efthymiou

AWARD:

LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design

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LIMIT RC IP67/IP66

Ceiling Trimless

- LIMIT 67/66 is an elegant waterproof trimless or recessed downlight available in 3 different sizes.
- Most models may also be 9/12mm lowered from the ceiling offering a special note to any space.
- The series offers low UGR ensuring visual comfort.
- Available in either black or white colour.
- It offers a selection of dimming options.
- 3 SDCM
- L90/B10 50.000h
- IP Protection: IP67/IP66

6.4W 8.8W 12.8W

position 1

position 2

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LIGHTSOURCE BY bridgelux.

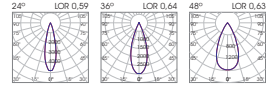
IP67/IP66

Model	LED Power	CCT*	CRI80, CRI90 LED Source	Beam Angle	Type	Luminaire Colour: Trim/Inner Case	Dimming Option	Accessories
			80 *(80)* 90 *(90)*					
LIMIT RC *(LIMIT RC)*	**6.4W** *(06)*	2700K *(27B)*	793lm 655lm	24° *(24)*	Fixed *(FX)*	White/White *(WW)*	Without Driver *(00)*	No Extras *(0)*
		3000K *(30B)*	843lm 684lm	36° *(36)*		White/Black *(WB)*	Non Dimmable *(ND)*	Emergency *(1)*
		4000K *(40B)*	867lm 724lm	48° *(48)*		Black/Black *(BB)*	Analogue (1-10V) *(A1)*	Honeycomb *(2)*
		5000K *(50B)*	878lm 759lm			Black/White *(BW)*	DMX *(DX)*	
							DALI *(DL)*	
	8.8W *(09)*	2700K *(27B)*	1204lm 993lm	17° *(17)*			Push Button *(PB)*	
		3000K *(30B)*	1279lm 1038lm	24° *(24)*			Phase Cut *(PC)*	
		4000K *(40B)*	1316lm 1098lm	36° *(36)*			Wireless** *(WL)*	
		5000K *(50B)*	1331lm 1151lm	60° *(60)*				
	12.8W *(13)*	2700K *(27B)*	1678lm 1384lm					
		3000K *(30B)*	1783lm 1447lm					
		4000K *(40B)*	1835lm 1531lm					
		5000K *(50B)*	1857lm 1605lm					

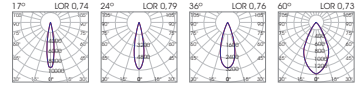
* Models with CCTs of 3500K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMIT RC-06-30B-80-48-FX-WW-DL-0

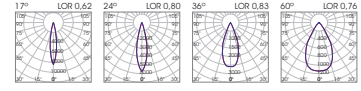
6.4W



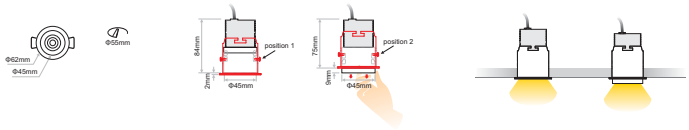
8.8W



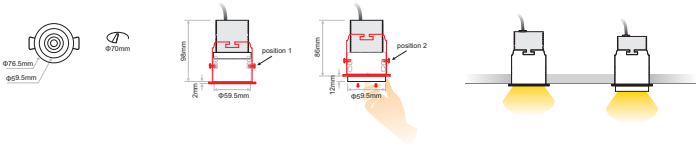
12.8W



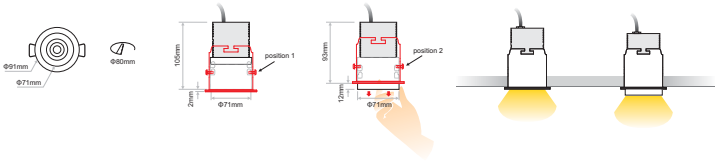
6.4W



8.8W



12.8W



- LIMIT 20/44 is an elegant trimless or recessed downlight available in different sizes.
- Most models may also be 9/12mm lowered from the ceiling offering a special note to any space.
- Limit TR is also available adjustable in 8.7Watt or 12.6Watt.
- The series offers low UGR ensuring visual comfort.
- It is available in either black or white colour.
- It offers a selection of dimming options.
- 3 SDCM
- L90/B10 50.000h
- IP Protection: IP20 or IP44 (face only).

6.4W

8.8W

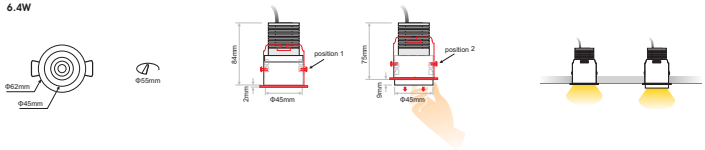
12.8W & 17W

12.6W Adjustable

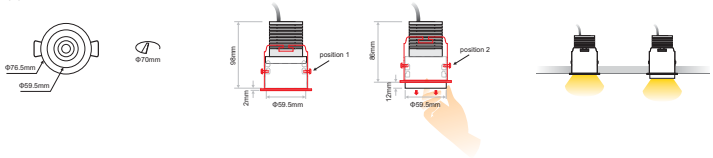
position 1

position 2

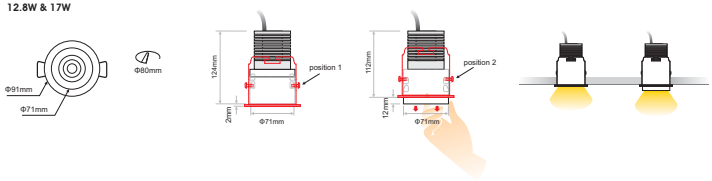
6.4W



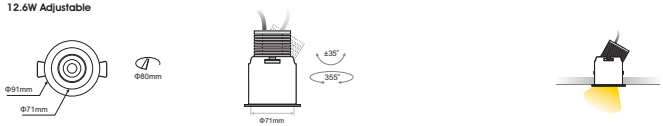
8.8W



12.8W & 17W



12.6W Adjustable



LIGHTSOURCE BY bridgelux

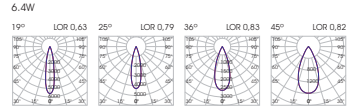
IP20 IP44

Model	LED Power	CCT**	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour: Trim/Inner Case	Dimming Option	Accessories
			80 (80)	90 (90)					
LIMIT RC IP20 *(LIMIT RC20)* **LIMIT RC IP44*** *(LIMIT RC44)*	**6.4W** (06)	2700K (27B) 3000K (30B) 4000K (40B) 5000K (50B)	793lm 843lm 867lm 878lm	655lm 684lm 724lm 759lm	19° (19) 25° (25) 36° (36) 45° (45)	Fixed (FX)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extras (0) Emergency (1)
	8.8W (09)	2700K (27B) 3000K (30B) 4000K (40B) 5000K (50B)	1204lm 1279lm 1316lm 1331lm	993lm 1038lm 1098lm 1151lm					
	12.8W (13)	2700K (27B) 3000K (30B) 4000K (40B) 5000K (50B)	1770lm 1880lm 1935lm 1955lm	1460lm 1525lm 1615lm 1690lm	19° (19) 25° (25) 36° (36) 55° (55)				
	17W (17)	2700K (27B) 3000K (30B) 4000K (40B) 5000K (50B)	2525lm 2680lm 2760lm 2790lm	2080lm 2180lm 2300lm 2415lm					
LIMIT RC IP44* Adjustable *(LIMIT RC44A)*	**8.7W** (09)	2700K (27B) 3000K (30B) 4000K (40B) 5000K (50B)	1235lm 1314lm 1355lm 1370lm	1020lm 1065lm 1130lm 1180lm	18° (18) 30° (30) 50° (50)	Adjustable (AD)		Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	
	12.6W (13)	2700K (27B) 3000K (30B) 4000K (40B) 5000K (50B)	1650lm 1750lm 1805lm 1825lm	1360lm 1420lm 1505lm 1580lm					

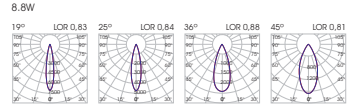
* IP44: face only
** Models with CCTs of 3500K & 6500K are available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMIT RC20-13-40B-90-55-FX-BB-DL-0*

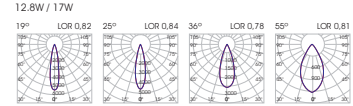
6.4W



8.8W



12.8W / 17W



MANI

Ceiling Recessed

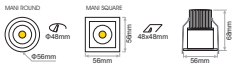
- MANI is a downlight available in round & square.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<10 for black colour)

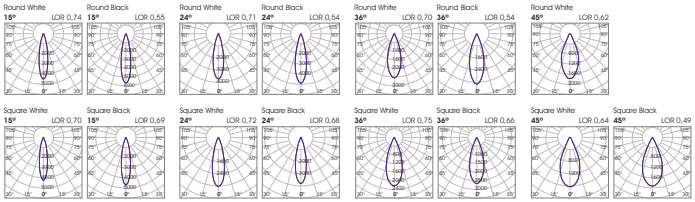
LIGHTSOURCE BY bridgelux

Model	LED Power	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle**	Colour	Dimming Option	Accessories
MANI Round *(MANI R)* **MANI Square** *(MANI S)*	**6.1W** *(06)*	2700K *(27S)*	785lm	654lm	Fixed *(FX)*	80 *(80)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	COVER Standard *(01)*
		3000K *(30S)*	817lm	681lm		90 *(90)*	24° *(24)*	Black *(BL)*	Non Dimmable *(ND)*	(XX)
		4000K *(40S)*	850lm	730lm			36° *(36)*		Analogue (1-10V) *(A1)*	EXTRAS
							45° *(45)*		DMX *(DX)*	No Extras *(-00)*
	8.9W *(09)*	2700K *(27S)*	1089lm	908lm					DALI *(DL)*	Emergency Kit *(-K1)*
		3000K *(30S)*	1135lm	946lm					Push Button *(PB)*	
		4000K *(40S)*	1180lm	1014lm					Phase Cut *(PC)*	
									Wireless*** *(WL)*	

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
**45° not available in Black colour for MANI ROUND.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *MANI R09-40B-FX-80-36-WH-DL-00*





ELECTRON

Ceiling Recessed

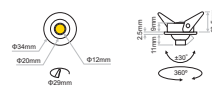
SCOOP N

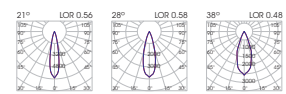
- Scoop N is a miniaturized recessed adjustable downlight suitable for display lighting.
- Power consumption: 1W @ 350mA and 1.5W @ 500mA.
- Available in black or white colour, custom colours also available upon request.
- Low UGR ensuring visual comfort. UGR<10 (21° & 28°), UGR<16 (38°).
- 3SDCM
- L80/B10 50000h

LIGHTSOURCE BY SAMSUNG

Model	LED Power	CCT	CRI80, CRI90 LED Source 80 *(80)*	90 *(90)*	Beam Angle	Type	Colour	Dimming Option
SCOOP N *(SCOOP N)*	**1W** *(01)*	2700K *(27S)*	145lm	115lm	21° *(21)*	Adjustable *(AD)*	White *(WH)*	Without Driver *(00)*
		3000K *(30S)*	155lm	125lm	28° *(28)*		Black *(BL)*	24VDC PWM Dimmable *(24)*
		4000K *(40S)*	160lm	135lm	38° *(38)*			
		5000K *(50S)*	170lm	150lm				
	1.5W *(02)*	2700K *(27S)*	200lm	160lm				
		3000K *(30S)*	210lm	175lm				
		4000K *(40S)*	215lm	190lm				
		5000K *(50S)*	230lm	205lm				

Ordering Code Example: *SCOOP N-02-30S-80-38-AD-BL-00*





ELECTRON

NORDIA AG

Ceiling Recessed

- NORDIA antiglare is an outdoor recessed downlight available in round form.
- Body material: aluminium.
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Power cable HO5RN-F 2x0.75mm² L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- UGR<19 (6°, 15°, 30°, 46°)
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

CREE LEDs IP67

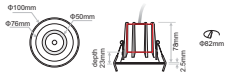
Model	Power	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Shape	Type	Colour*	Dimming Option**	Accessories
NORDIA Antiglare (NORDIA AG)	**4.1W** (4)	2700K (27C)	440lm	355lm	6° (06)	Round (RD)	Fixed (FX)	White (WH)	Without Driver (00)	**COVER**
		3000K (30C)	440lm	380lm				Black (BL)	230VAC Non Dimmable (230ND)	Standard (01)
		4000K (40C)	475lm	410lm					24V/48DC Non Dimmable (2448ND)	Honeycomb (11)
		5000K (50C)	410lm	440lm					24VDC PWM Dimmable (24DM)	Softening lens (21)
									48VDC PWM Dimmable (48DM)	Line spread lens (31)
										(XX)
										EXTRAS
										No Extras (00)
										Emergency Kit (41)
	6.5W (7)	2700K (27C)	713lm	570lm	15° (15)				Without Driver (00)	
		3000K (30C)	713lm	615lm	30° (30)				230VAC Non Dimmable (230ND)	
		4000K (40C)	765lm	660lm	46° (46)				24V/48DC Non Dimmable (2448ND)	
		5000K (50C)	765lm	713lm					24VDC PWM Dimmable (24DM)	
		6500K (65C)	765lm	-					48VDC PWM Dimmable (48DM)	
									230V Phase Cut (230PC)	

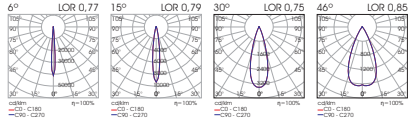
White Black

* Other RAL finishes available on request.
** With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: NORDIA AG 7-30C-90-46-RD-FX-BL-00-10

ACR.053 Honeycomb (as extra)
ACR.050 Softening lens (as extra)
ACR.051 Line spread lens (as extra)





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ELECTRON

Ceiling Recessed

NORDIA

- Nordia is an outdoor recessed downlight available either round or square.
- Nordia is also available in antiglare version in Black and White colour.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Power cable HO5RN-F 2x0.75mm² L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- UGR<19 (6°, 15°, 30°, 46°)
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

CREE LEDs IP67

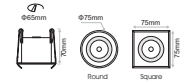
Model	Power	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Shape	Type	Colour*	Dimming Option**	Accessories
NORDIA (NORDIA)	**4.1W** (4)	2700K (27C)	440lm	355lm	6° (06)	Round (RD)	Fixed (FX)	White (WH)	Without Driver (00)	**COVER**
		3000K (30C)	440lm	380lm		Square (SQ)		Black (BL)	230VAC Non Dimmable (230ND)	Standard (01)
		4000K (40C)	475lm	410lm				Stainless Steel (SS)	24V/48DC Non Dimmable (2448ND)	Honeycomb (11)
		5000K (50C)	410lm	440lm					24VDC PWM Dimmable (24DM)	Softening lens (21)
									48VDC PWM Dimmable (48DM)	Line spread lens (31)
										(XX)
										EXTRAS
										No Extras (00)
										Emergency Kit (41)
	6.5W (7)	2700K (27C)	713lm	570lm	15° (15)				Without Driver (00)	
		3000K (30C)	713lm	615lm	30° (30)				230VAC Non Dimmable (230ND)	
		4000K (40C)	765lm	660lm	46° (46)				24V/48DC Non Dimmable (2448ND)	
		5000K (50C)	765lm	713lm					24VDC PWM Dimmable (24DM)	
		6500K (65C)	765lm	-					48VDC PWM Dimmable (48DM)	
									230V Phase Cut (230PC)	

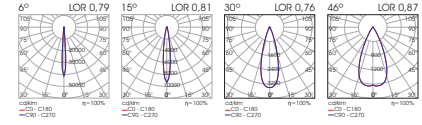
White Black Stainless Steel

* Other RAL finishes available on request.
** With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: NORDIA 7-30C-90-46-RD-FX-SS-00-10

ACR.053 Honeycomb (as extra)
ACR.050 Softening lens (as extra)
ACR.051 Line spread lens (as extra)





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NORDIA WASH

Ceiling Recessed

- Nordia is an outdoor recessed downlight available either round or square.
- It has minimal aesthetic.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

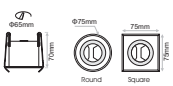
CREE LEDs

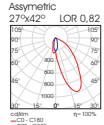
IP67

Model	Power	CCT	CRI80, CRI90 *LED Source*		Beam Angle	Shape	Type	Colour*	Dimming Option**	Extras
			80 *(80)*	90 *(90)*						
NORDIA WASH *(NORDIA W)*	**4.1W** *(4)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	*440lm* *440lm* *475lm* *410lm*	*355lm* *380lm* *410lm* *440lm*	Assymetric *(AS)* 27°x42°	Round *(RD)* Square *(SQ)*	Fixed *(FX)*	White *(WH)* Black *(BL)* Stainless Steel *(SS)*	Without Driver *(00)* 2448VDC Non Dimmable *(2448ND)* 24VDC PWM Dimmable *(24DM)* 48VDC PWM Dimmable *(48DM)* 230V Non Dimmable *(230ND)*	No Extras *(0)* Emergency Kit *(1)*

* Other RAL finishes available on request.
** With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: NORDIA W4-30C-90-AS-RD-FX-SS-00-0





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ELECTRON

Ceiling Recessed

NORDIA DF (Diffused)

- Nordia is an outdoor recessed downlight available either round or square.
- It has minimal aesthetic.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- Power cable HO5RN-F 2x0.75mm^2 L= 1m
- Cable outer dimeter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- Ingress Protection: IP67
- IK Rate: IK07

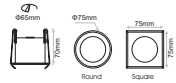
LIGHTSOURCE BY bridgelux

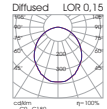
IP67

Model	Power	CCT	CRI80 *LED Source*	Beam Angle	Shape	Type	Colour*	Dimming Option**	Extras
			80 *(80)*						
NORDIA DIFFUSED *(NORDIA DF)*	**2.1W** *(2)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	*261lm* *271lm* *286lm*	Diffused *(DF)*	Round *(RD)* Square *(SQ)*	Fixed *(FX)*	White *(WH)* Black *(BL)* Stainless Steel *(SS)*	Without Driver *(00)* 2448VDC Non Dimmable *(2448ND)* 24VDC PWM Dimmable *(24DM)* 48VDC PWM Dimmable *(48DM)* 230V Non Dimmable *(230ND)*	No Extras *(0)* Emergency Kit *(1)*

* Other RAL finishes available on request.
** With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: NORDIA DF2-30B-80-DF-SQ-FX-SS-00-0





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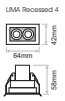
Residence (Platres / Cyprus)
Lighting Design: Alkestis Skarlatou - light in space
Architect: Elena Konstantinidou Architects
Photo: Maria Efthymiou

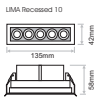
AWARD:

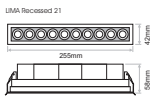
LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design

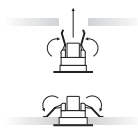
ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40









CREE LEDs

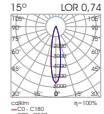
IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 4W Recessed *(LIMA 4 RC)*	2700K *(27C)*	528lm	464lm	Fixed *(FX)*	15° *(15)*	White/White *(WW)*	Without Driver *(00)*	**COVER** Standard *(0:)*
	3000K *(30C)*	528lm	494lm		30° *(30)*	White/Black *(WB)*	Non Dimmable *(ND)*	*(XX)*
	4000K *(40C)*	562lm	528lm		50° *(50)*	Black/Black *(BB)*	Analogue (1-10V) *(A1)*	**EXTRAS**
	6500K *(65C)*	592lm	-		15°x35° *(1535)*	Black/White *(BW)*	DMX *(DX)*	No Extras *(:0)*
LIMA 10W Recessed *(LIMA 10 RC)*	2700K *(27C)*	1320lm	1160lm				DALI *(DL)*	Emergency Kit *(:1)*
	3000K *(30C)*	1320lm	1235lm				Push Button *(PB)*	
	4000K *(40C)*	1405lm	1320lm				Phase Cut *(PC)*	
	6500K *(65C)*	1480lm	-				Wireless* *(WL)*	
LIMA 21W Recessed *(LIMA 21 RC)*	2700K *(27C)*	2640lm	2320lm					
	3000K *(30C)*	2640lm	2470lm					
	4000K *(40C)*	2810lm	2640lm					
	6500K *(65C)*	2960lm	-					

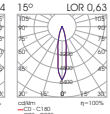
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA 21 RC-30C-80-FX-30-WW-ND-00*

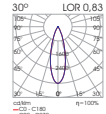
White *(Mask)* 15° LOR 0,74



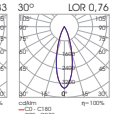
Black *(Mask)* 15° LOR 0,63



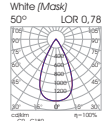
White *(Mask)* 30° LOR 0,83



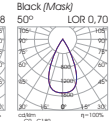
Black *(Mask)* 30° LOR 0,76



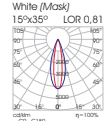
White *(Mask)* 50° LOR 0,78



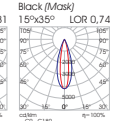
Black *(Mask)* 50° LOR 0,70



White *(Mask)* 15°x35° LOR 0,81



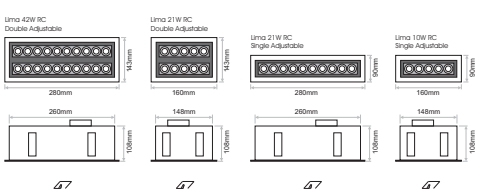
Black *(Mask)* 15°x35° LOR 0,74

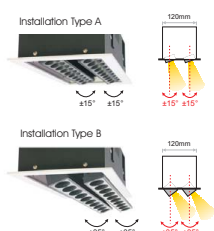


Luminaire Colour: Trim/Mask

LIMA RC ADJUSTABLE

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40





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ELECTRON

CREE LEDs

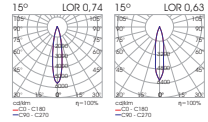
IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 10W Recessed Single Adjustable *(LIMA 10 RC SA)*	2700K (27C)	1320lm	1160lm	Adjustable (AD)	15° (15)	White/White (WW)	Without Driver (00)	**COVER**
	3000K (30C)	1320lm	1235lm		30° (30)	White/Black (WB)	Non Dimmable (ND)	Standard (0X)
	4000K (40C)	1405lm	1320lm		50° (50)	Black/Black (BB)	Analogue (1-10V) (A1)	(XX)
	6500K (65C)	1480lm	-		15°x35° (1535)	Black/White (BW)	DMX (DX)	**EXTRAS**
LIMA 21W Recessed Single Adjustable *(LIMA 21 RC SA)*	2700K (27C)	2640lm	2320lm				DALI (DL)	No Extras (X0)
	3000K (30C)	2640lm	2470lm				Push Button (PB)	Emergency Kit (X1)
	4000K (40C)	2810lm	2640lm				Phase Cut (PC)	
	6500K (65C)	2960lm	-				Wireless* (WL)	
LIMA 21W Recessed Double Adjustable *(LIMA 21 RC DA)*								
LIMA 42W Recessed Double Adjustable *(LIMA 42 RC DA)*	2700K (27C)	5280lm	4640lm					
	3000K (30C)	5280lm	4940lm					
	4000K (40C)	5620lm	5280lm					
	6500K (65C)	5920lm	-					

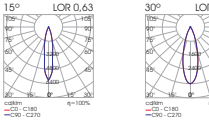
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA 21 RC SA-30C-80-AD-30-WW-ND-00*

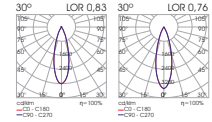
White *(Mask)* 15° LOR 0,74



Black *(Mask)* 15° LOR 0,63

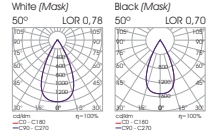


White *(Mask)* 30° LOR 0,83

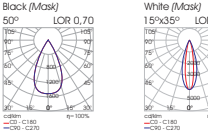


Black *(Mask)* 30° LOR 0,76

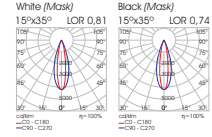
White *(Mask)* 50° LOR 0,78



Black *(Mask)* 50° LOR 0,70



White *(Mask)* 15°x35° LOR 0,81



Black *(Mask)* 15°x35° LOR 0,74

Luminaire Colour: Trim/Mask

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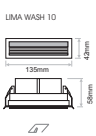
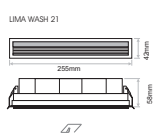
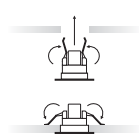
LIMA WASH RC

Ceiling Recessed

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Constant current
- Indoor use: IP40







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ELECTRON

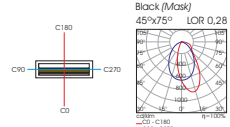
CREE LEDs

IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA WASH 10W Recessed *(LIMA W10 RC)*	2700K (27C)	1320lm	1160lm	Fixed (FX)	45°x75° (45)	White/Black (WB)	Without Driver (00)	***COVER*** Standard (0)
	3000K (30C)	1320lm	1235lm			Black/Black (BB)	Non Dimmable (ND)	(XX)
	4000K (40C)	1405lm	1320lm				Analogue (1-10V) (A1)	
	6500K (65C)	1480lm	-				DMX (DX)	***EXTRAS***
LIMA WASH 21W Recessed *(LIMA W21 RC)*	2700K (27C)	2640lm	2320lm				DALI (DL)	No Extras (00)
	3000K (30C)	2640lm	2470lm				Push Button (PB)	Emergency Kit (X1)
	4000K (40C)	2810lm	2640lm				Phase Cut (PC)	
	6500K (65C)	2960lm	-				Wireless* (WL)	

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA W21 RC-30C-80-FX-45-WB-ND-00*

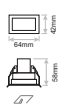


Luminaire Colour: Trim/Mask

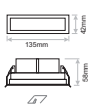
LIMA DIFFUSED RC

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Constant current
- Indoor use: IP40

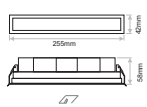
LIMA Diffused Recessed 4

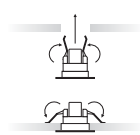


LIMA Diffused Recessed 10



LIMA Diffused Recessed 21





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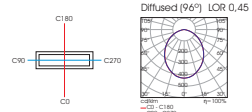
CREE LEDs

IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Mask	Dimming Option	Accessories
LIMA Diffused 4W Recessed *(LIMA DF 4 RC)*	2700K (27C)	528lm	464lm	Fixed (FX)	Diffused (DF)	White (WH)	Without Driver (00)	**COVER** Standard (01)
	3000K (30C)	528lm	494lm			Black (BL)	Non Dimmable (ND)	(XX)
	4000K (40C)	562lm	528lm				Analogue (1-10V) (A1)	**EXTRAS**
	6500K (65C)	592lm	-				DMX (DX)	No Extras (-0)
LIMA Diffused 10W Recessed *(LIMA DF 10 RC)*	2700K (27C)	1320lm	1160lm				DALI (DL)	Emergency Kit (-1)
	3000K (30C)	1320lm	1235lm				Push Button (PB)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	
LIMA Diffused 21W Recessed *(LIMA DF 21 RC)*	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA DF 10 RC-30C-80-FX-DF-WH-ND-00*



Luminaire Colour:

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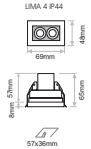
LIMA IP44

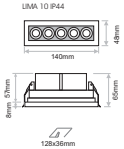
Ceiling Recessed

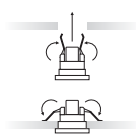
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Ingress Protection: IP44

LIMA 4 IP44



LIMA 10 IP44





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ELECTRON

CREE LEDs

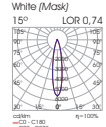
IP44

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 4W IP44 Recessed *(LIMA 4 44RC)*	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White/White (WW)	Without Driver (00)	**COVER** Standard (0X)
	3000K (30C)	528lm	494lm		30° (30)	White/Black (WB)	Non Dimmable (ND)	(XX)
	4000K (40C)	562lm	528lm		50° (50)	Black/Black (BB)	Analogue (1-10V) (A1)	**EXTRAS**
	6500K (65C)	592lm	-		15°x35° (1535)	Black/White (BW)	DMX (DX)	No Extras (X0)
LIMA 10W IP44 Recessed *(LIMA 10 44RC)*	2700K (27C)	1320lm	1160lm				DALI (DL)	Emergency Kit (X1)
	3000K (30C)	1320lm	1235lm				Push Button (PB)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	

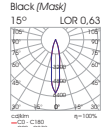
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA 10 44RC-30C-80-FX-30-WW-ND-00*

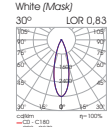
White *(Mask)* 15° LOR 0,74



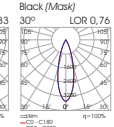
Black *(Mask)* 15° LOR 0,63



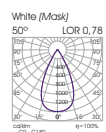
White *(Mask)* 30° LOR 0,83



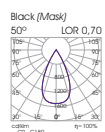
Black *(Mask)* 30° LOR 0,76



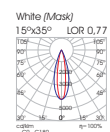
White *(Mask)* 50° LOR 0,78



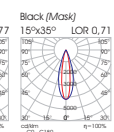
Black *(Mask)* 50° LOR 0,70



White *(Mask)* 15°x35° LOR 0,77



Black *(Mask)* 15°x35° LOR 0,71



Luminaire Colour: Trim/Mask

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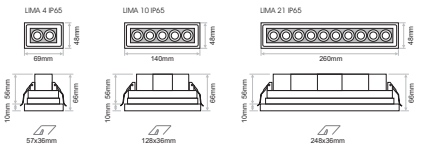
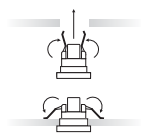
LIMA IP65

Ceiling Recessed

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Ingress Protection: IP65 (face only)





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ELECTRON

CREE LEDs

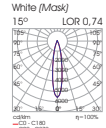
IP65

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 4W IP65 Recessed *(LIMA 4 65RC)*	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White/White (WW)	Without Driver (00)	**COVER** Standard (0□)
	3000K (30C)	528lm	494lm		30° (30)	White/Black (WB)	Non Dimmable (ND)	(XX)
	4000K (40C)	562lm	528lm		50° (50)	Black/Black (BB)	Analogue (1-10V) (A1)	**EXTRAS**
	6500K (65C)	592lm	-		15°x35° (1535)	Black/White (BW)	DMX (DX)	No Extras (□0)
LIMA 10W IP65 Recessed *(LIMA 10 65RC)*	2700K (27C)	1320lm	1160lm				DALI (DL)	Emergency Kit (□1)
	3000K (30C)	1320lm	1235lm				Push Button (PB)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	
LIMA 21W IP65 Recessed *(LIMA 21 65RC)*	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

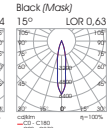
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LIMA 21 65RC-30C-80-FX-30-WW-ND-00*

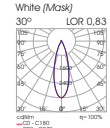
White *(Mask)* 15° LOR 0,74



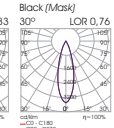
Black *(Mask)* 15° LOR 0,63



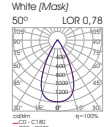
White *(Mask)* 30° LOR 0,83



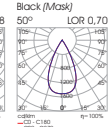
Black *(Mask)* 30° LOR 0,76



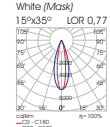
White *(Mask)* 50° LOR 0,78



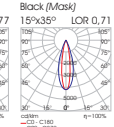
Black *(Mask)* 50° LOR 0,70



White *(Mask)* 15°x35° LOR 0,77

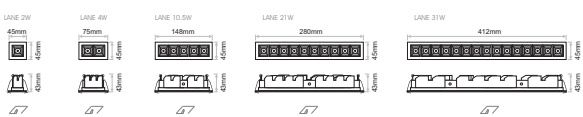


Black *(Mask)* 15°x35° LOR 0,71



Luminaire Colour: Trim/Mask

- Lane series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40



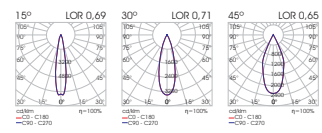
CREE LEDs

IP40

Model (LED Power)	CCT	CRI80 LED Source	CRI90 LED Source	Type	Beam Angle	Luminaire Colour: Trim	Dimming Option	Accessories
		80 (80)	90 (90)					
LANE 2W Recessed *(LANE 2 RC)*	2700K (27C)	264lm	232lm	Fixed (FX)	15° (15)	White (WH)	Without Driver (00)	***EXTRAS***
	3000K (30C)	264lm	247lm		30° (30)	Black (BL)	Non Dimmable (ND)	No Extras (0)
	4000K (40C)	281lm	264lm		45° (45)		Analogue (1-10V) (A1)	Emergency Kit (1)
	6500K (65C)	296lm	-				DMX (DX)	
LANE 4W Recessed *(LANE 4 RC)*	2700K (27C)	528lm	464lm				DALI (DL)	
	3000K (30C)	528lm	494lm				Push Button (PB)	
	4000K (40C)	562lm	528lm				Phase Cut (PC)	
	6500K (65C)	592lm	-				Wireless* (WL)	
LANE 10W Recessed *(LANE 10 RC)*	2700K (27C)	1320lm	1160lm					
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
LANE 21W Recessed *(LANE 21 RC)*	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					
LANE 31W Recessed *(LANE 31 RC)*	2700K (27C)	3960lm	3480lm					
	3000K (30C)	3960lm	3705lm					
	4000K (40C)	4215lm	3960lm					
	6500K (65C)	4440lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
LANE 21 RC-30C-80-FX-30-WH-ND-00



LANE 21 RC ADJ

Ceiling Recessed

- Lane series is a complete series of die cast aluminium luminaires.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40

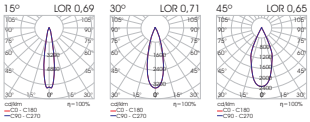
CREE LEDs

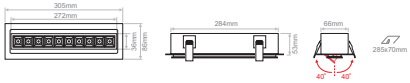
IP40

Model	LED Power	CCT	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Type	Luminaire Colour: Trim	Dimming Option	Accessories
LANE Recessed Adjustable *(LANE RCA)*	**21W** *(21)*	2700K *(27C)*	*2640lm*	*2320lm*	15° *(15)*	Adjustable *(AD)*	White *(WH)*	Without Driver *(00)*	***EXTRAS***
		3000K *(30C)*	*2640lm*	*2470lm*	30° *(30)*		Black *(BL)*	Non Dimmable *(ND)*	No Extras *(0)*
		4000K *(40C)*	*2810lm*	*2640lm*	45° *(45)*			Analogue (1-10V) *(A1)*	Emergency Kit *(1)*
		6500K *(65C)*	*2960lm*	-				DMX *(DX)*	
								DALI *(DL)*	
								Push Button *(PB)*	
								Phase Cut *(PC)*	
								Wireless* *(WL)*	

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *LANE RCA-21-30C-80-30-AD-WH-ND-0*





d2 Showroom, Athens, Greece
Architect: Nikos Gilos

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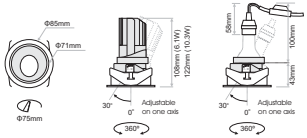
FOCUS RC

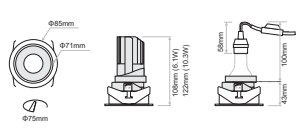
Ceiling Recessed

- Focus is a series of recessed downlights.
- Offered with IP44 (face only) LED module or with GU10 lampholder (max 7.5 Watt).
- Available either fixed or adjustable.
- Outer ring offered in white or black colour, inner ring availbale in white, black, gold or silver colour.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<10)

Adjustable



Fixed



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ELECTRON

LIGHTSOURCE BY bridgelux

Name	Model (LED Power)	CCT*	CRI80, CRI90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80) 90 (90)					
FOCUS Recessed (FOCUS RC)	**6.1W** (6)	2700K (27B) 812lm 677lm 3000K (30B) 845lm 705lm 4000K (40B) 879lm 733lm		18° (18) 24° (24) 32° (32) 48° (48)	Adjustable (AD) Fixed (FX)	(XX) *Trim* White (W) Black (B) *Inner* White (W) Black (B) Gold (G) Silver (S)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra (00) Emergency Kit (01)
	10.3W (10)	2700K (27B) 1379lm 1138lm 3000K (30B) 1435lm 1180lm 4000K (40B) 1479lm 1265lm						
			95 (95)					
	Warm Dimming 6.1W (WD)	1800K-3000K (1830B) 518lm					Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

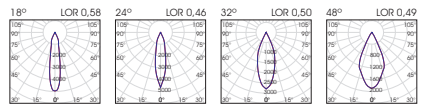
Ordering Code Example: FOCUS RC-6-308-90-32-AD-WB-00-00

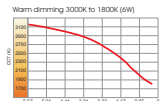
Model	Type	Luminaire Colour	Lamp Holder
FOCUS Recessed LL (FOCUS RC LL)	Adjustable (AD) Fixed (FX)	(XX) *Trim* White (W) Black (B) *Inner* White (W) Black (B) Gold (G) Silver (S)	GU10 (max 7.5W) (G1)

Lamp Not included

Trim
Inner

Ordering Code Example: FOCUS RC LL-FX-WB-G1





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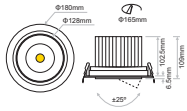
ERIS

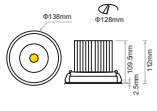
Ceiling Recessed

- ERIS series is a recessed downlight available either fixed or adjustable.
- It is offered in four different power consumptions and in a vast variety of beam angles.
- Outer case available in white or black colour. Inner case available in white, black, silver or gold colour.
- 3 SDCM
- L90/B10 50.000h

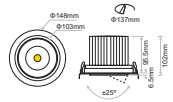
L Adjustable



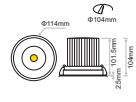
L Fixed



M Adjustable



M Fixed



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ELECTRON

LIGHTSOURCE BY

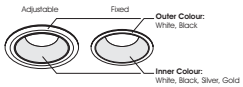
bridgelux. Monochromatic, WD

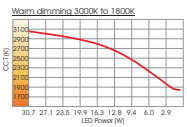
CREE LEDs RGBW

Model	LED Power	CCT*	CRI / LED Source	Beam Angle**	Type	Luminaire Colour (XX)	Dimming Option	Accessories (XX)
			80 (80) 90 (90)			Outer: White (W), Black (B); Inner: White (W), Black (B), Silver (S), Gold (G)		Cover: Standard (01), Honeycomb**** (11); Extras: No Extras (10), Emergency (11)
ERIS M (ERIS M)	**17.2W** (17)	2700K (27B)	2477lm 2044lm	24° (24)	Adjustable (AD)		Without Driver (00)	
		3000K (30B)	2633lm 2138lm	32° (32)	Fixed (FX)		Non Dimmable (ND)	
		4000K (40B)	2710lm 2261lm	40° (40)			Analogue (1-10V) (A1)	
		5000K (50B)	2741lm 2370lm	52° (52)			DMX (DX)	
							DALI (DL)	
	24.8W (25)	2700K (27B)	3375lm 2784lm				Push Button (PB)	
		3000K (30B)	3586lm 2911lm				Phase Cut (PC)	
		4000K (40B)	3691lm 3080lm				Wireless*** (WL)	
		5000K (50B)	3734lm 3227lm					
	Warm Dimmable **23.9W** (24)	Warm Dimmable 1800K~3000K (WD)	95 (95) 2210lm					
	R G B W **29.5W** (30)	RGBW (RGBW)	2075lm	40° (40) 52° (52)			Without Driver (00) DMX (DX) DALI (DL) Wireless** (WL)	
ERIS L (ERIS L)	**32.4W** (32)	2700K (27B)	4339lm 3579lm	12° (12)				
		3000K (30B)	4610lm 3742lm	20° (20)				
		4000K (40B)	4745lm 3960lm	30° (30)				
		5000K (50B)	4800lm 4149lm	40° (40) 60° (60)				
	38.5W (39)	2700K (27B)	5062lm 4175lm					
		3000K (30B)	5378lm 4365lm					
		4000K (40B)	5535lm 4620lm					
		5000K (50B)	5600lm 4840lm					
	Warm Dimmable **30.7W** (31)	Warm Dimmable 1800K~3000K (WD)	95 (95) 2840lm					
	R G B W **42W** (42)	RGBW (RGBW)	2695lm	40° (40) 60° (60)			Without Driver (00) DMX (DX) DALI (DL) Wireless** (WL)	

* Models with CCTs of 3500K & 6500K are available upon request.
** ERIS M: 40°/52° & ERIS L: 40°/60° are offered with glass.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.
**** Honeycomb applicable only for ERIS M: 40°/52° & ERIS L: 40°/60°. Please refer to relevant polar curves for final luminaire output. Honeycomb not available for RGBW option.

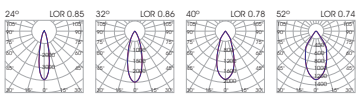
Ordering Code Example: ERIS L-32-30B-90-40-AD-WB-00-10



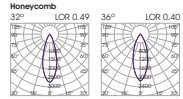


ERIS M

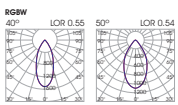
Inner Colour: **WHITE**



Honeycomb

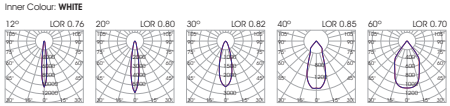


RGBW

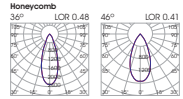


ERIS L

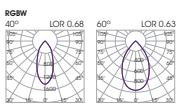
Inner Colour: **WHITE**



Honeycomb



RGBW



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MERLYN XL

- Merlyn series consists of adjustable downlights in round or square form.
- Available in 18 / 25 /32 Watt.
- Available with honeycomb, line spread and softening lens as extra.
- 3 SDCM
- L90/B10 50000h
- UGR<10

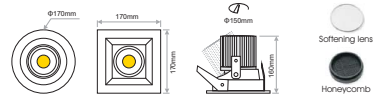
LIGHTSOURCE BY LUMINUS (for 18W & 25W)

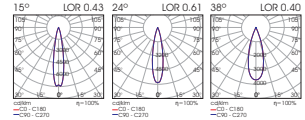
LIGHTSOURCE BY bridgelux (for 32W)

Model	LED Power*	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			CRI95						**COVER**
MERLYN XL Round *(MERLYN XLR)*	**18W** *(18)*	2700K *(27L)*	*2000lm*	Adjustable *(AD)*	95 *(95)*	24° *(24)*	White *(WH)*	Without Driver *(00)*	Standard *(0X)*
		3000K *(30L)*	*2115lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Honeycomb *(1X)*
MERLYN XL Square *(MERLYN XLS)*		3500K *(35L)*	*2177lm*					Analogue (1-10V) *(A1)*	Line spread lens *(2X)*
		4000K *(40L)*	*2250lm*					DMX *(DX)*	Softening lens *(3X)*
		5000K *(50L)*	*2313lm*					DALI *(DL)*	↓
	25W *(25)*	2700K *(27L)*	*2613lm*					Wireless** *(WL)*	*(XX)*
		3000K *(30L)*	*2763lm*						↑
		3500K *(35L)*	*2845lm*						**EXTRAS**
		4000K *(40L)*	*2940lm*						No Extras *(X0)*
		5000K *(50L)*	*3022lm*						Emergency Kit *(X1)*
		CRI80 CRI90							
	32W *(32)*	2700K *(27B)*	*4485lm 3701lm*		80 *(80)*				
		3000K *(30B)*	*4766lm 3868lm*		90 *(90)*				
		3500K *(35B)*	*4877lm 4009lm*						
		4000K *(40B)*	*4906lm 4092lm*						
		5000K *(50B)*	*4962lm 4289lm*						

*Lightsource by LUMINUS for 18W & 25W, and by BRIDGELUX for 32W
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: MERLYN XLR25-40L-AD-95-38-WH-ND-00

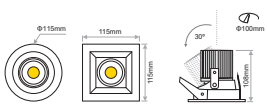




MERLYN

Ceiling Recessed

- Merlyn is a recessed adjustable downlight in round or square form.
- Available in 9/13 watt & 6/12 watt (WD).
- Available with honeycomb, line spread and softening lens as extra.
- 3 SDCM
- L90B10 50000h
- UGR<10
- IP40



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ELECTRON

LIGHTSOURCE BY LUMINUS Monochromatic

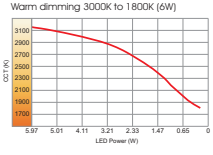
LIGHTSOURCE BY bridgelux WD

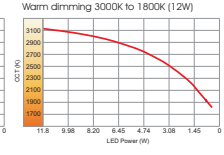
IP40

Model	LED Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
MERLYN Round *(MERLYN R)* **MERLYN Square** *(MERLYN S)*	**9W** *(09)*	2700K *(27L)* 3000K *(30L)* 3500K *(35L)* 4000K *(40L)* 5000K *(50L)*	*958lm* *1020lm* *1051lm* *1093lm* *1103lm*	Adjustable *(AD)*	95 *(95)*	24° *(24)* 38° *(38)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non-Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Wireless* *(WL)*	***COVER*** Standard *(0X)* Honeycomb *(1X)* Line spread *(2X)* Softening lens *(3X)* *(XX)* ***EXTRAS*** No Extras *(X0)* Emergency *(X1)*
	13W *(13)*	2700K *(27L)* 3000K *(30L)* 3500K *(35L)* 4000K *(40L)* 5000K *(50L)*	*1252lm* *1334lm* *1375lm* *1429lm* *1443lm*						
	Warm Dimmable **6W** *(WD6)*	Warm Dimmable 1800K~3000K *(1830B)*	*518lm*			20° *(20)* 38° *(38)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless* *(WL)*	
	11.8W *(WD12)*	Warm Dimmable 1800K~3000K *(1830B)*	*1045lm*						

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *MERLYN S09-30L-AD-95-24-WH-ND-00*





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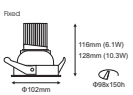
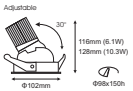
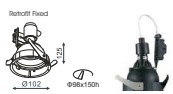
MERLYN IP44

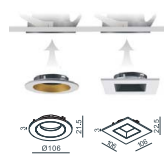
Ceiling Recessed

- Merlyn IP44 is a fixed downlight available with LED or with GU10 lamp holder for LED lamps.
- High antiglare rate due to its depth.
- Material : aluminium die cast.
- Variety of colour combinations.
- Variety of accessories: honeycomb/spread lens/soft lens/ line spread lens.
- 3 SDCM
- L90B10 50000h
- Ingress Protection: IP44 (face only)









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ELECTRON

LIGHTSOURCE BY bridgelux

IP44

Model	LED Power	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
MERLYN IP44 Round *(MERLYN 44R)*	**6.1W** *(06)*	2700K *(27)*	*812lm*	*677lm*	Adjustable *(AD)*	80 *(80)*	16° *(16)*	White-White *(WW)*	Without Driver *(00)*	**COVER**
		3000K *(30)*	*845lm*	*705lm*		90 *(90)*	25° *(25)*	White-Black *(WB)*	Non Dimmable *(ND)*	Standard *(0/)*
		4000K *(40)*	*879lm*	*733lm*	Fixed *(FX)*		36° *(36)*	White-Gold *(WG)*	Analogue (1-10V) *(A1)*	Honeycomb *(1/)*
MERLYN IP44 Square *(MERLYN 44S)*	**10.3W** *(10)*	2700K *(27)*	*1379lm*	*1138lm*			50° *(50)*	Black-Black *(BB)*	DMX *(DX)*	Line spread *(2/)*
		3000K *(30)*	*1435lm*	*1180lm*				Black-Gold *(BG)*	DALI *(DL)*	Softening lens *(3/)*
		4000K *(40)*	*1479lm*	*1265lm*					Push Button *(PB)*	Spread Lens *(4/)*
									Phase Cut *(PC)*	*(XX)*
		Warm Dimmable		CRI95					Wireless *** *(WL)*	**EXTRAS**
	6.1W *(WDs)*	Warm Dimmable 1800K~3000K *(1890B)*		*518lm*		95 *(95)*			Analogue (1-10V) *(A1)*	No Extras *(/0)*
									DALI *(DL)*	Emergency *(/1)*
									Phase Cut *(PC)*	
									Wireless** *(WL)*	

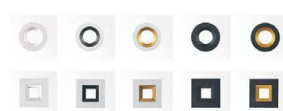
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** Other RAL colours available upon request
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

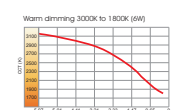
Ordering Code Example: *MERLYN 44R10-30B-FX-90-50-WW-ND-00*

Model	Share	Trim Colour	Type	Lamp Holder
MERLYN IP44 Retrofit *(MERLYN 44 RE)*	Round *(RD)*	White-White *(WW)*	Adjustable *(AD)*	GU10 *(G1)*
	Square *(SQ)*	White-Black *(WB)*	Fixed *(FX)*	
		White-Gold *(WG)*		
		Black-Black *(BB)*		
		Black-Gold *(BG)*		

Lamp
Not included

Ordering Code Example: *MERLYN 44 RE-RD-BG-FX-G1*



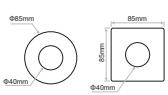


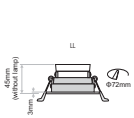
Inner ring for accessories

CASTALIA R

Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM
- L90/B10 50000h





LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
				CRI80 CRI90						
CASTALIA R *(CASTALIA R)*	Round *(R)* Square *(S)*	**6.1W** *(06)*	2700K *(27B)* 812lm 677lm 3000K *(30B)* 845lm 705lm 4000K *(40B)* 879lm 733lm		Fixed *(FX)*	80 *(80)* 90 *(90)*	14° *(14)* 20° *(20)* 30° *(30)* 36° *(36)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless*** *(WL)*	No Extra *(00)* Emergency Kit *(01)*
		10.3W *(10)*	2700K *(27B)* 1379lm 1138lm 3000K *(30B)* 1435lm 1180lm 4000K *(40B)* 1479lm 1265lm							
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(1830B)* CRI95 518lm			95 *(95)*			Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA RR06-30B-FX-90-36-WH-DL-00*

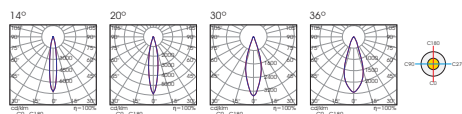
CASTALIA R LL

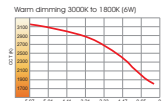
Model	Shape	Colour*	Type	Lamp Holder
CASTALIA R LL *(CASTALIA R LL)*	Round *(RD)* Square *(SQ)*	White *(WH)* Black *(BL)*	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*

Lamp
Not included

* Other RAL colours available upon request

Ordering Code Example: *CASTALIA R LL-RD-WH-FX-G1*

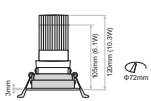


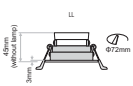


CASTALIA S

Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM
- L90/B10 50000h





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LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
				CRI80 CRI90						
CASTALIA S *(CASTALIA S)*	Round *(R)*	**6.1W** *(06)*	2700K *(27)*	*812lm 677lm*	Fixed *(FX)*	80 *(80)*	18° *(18)*	White *(WH)*	Without Driver *(00)*	No Extra *(00)*
			3000K *(30)*	*845lm 705lm*		90 *(90)*	22° *(22)*	Black *(BL)*	Non Dimmable *(ND)*	Emergency Kit *(01)*
			4000K *(40)*	*879lm 733lm*			30° *(30)*		Analogue (1-10V) *(A1)*	
		10.3W *(10)*	2700K *(27)*	*1379lm 1138lm*					DMX *(DX)*	
			3000K *(30)*	*1435lm 1180lm*					DALI *(DL)*	
			4000K *(40)*	*1479lm 1265lm*					Push Button *(PB)*	
									Phase Cut *(PC)*	
									Wireless*** *(WL)*	
				CRI95						
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(1830B)*	*518lm*		95 *(95)*			Analogue (1-10V) *(A1)*	
									DALI *(DL)*	
									Phase Cut *(PC)*	
									Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA SR06-30B-FX-90-22-WH-DL-00*

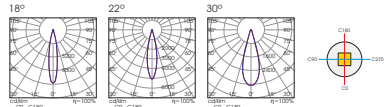
CASTALIA S LL

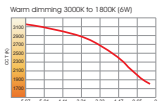
Model	Shape	Colour*	Type	Lamp Holder
CASTALIA S LL *(CASTALIA S LL)*	Round *(RD)*	White *(WH)* Black *(BL)*	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*

Lamp
Not included

* Other RAL colours available upon request

Ordering Code Example: *CASTALIA S LL-RD-WH-FX-G1*





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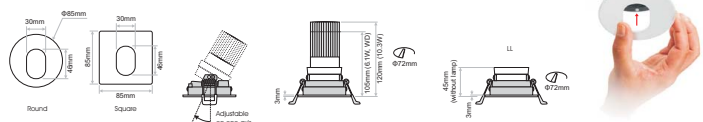
CASTALIA E

Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/B10 50000h



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LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
				CRI80 CRI90						
CASTALIA E *(CASTALIA E)*	Round *(R)* Square *(S)*	**6.1W** *(D6)*	2700K *(27B)*	812lm 677lm	Adjustable *(AD)*	80 *(80)*	18°x22° *(18)*	White *(WH)*	Without Driver *(00)*	No Extra *(00)*
			3000K *(30B)*	845lm 705lm		90 *(90)*	25°x20° *(25)*		Non Dimmable *(ND)*	
			4000K *(40B)*	879lm 733lm			34°x28° *(34)*	Black *(BL)*	Analogue (1-10V) *(A1)*	Emergency Kit *(01)*
							50°x20° *(50)*		DMX *(DX)*	
		10.3W *(10)*	2700K *(27B)*	1379lm 1138lm					DALI *(DL)*	
			3000K *(30B)*	1435lm 1180lm					Push Button *(PB)*	
			4000K *(40B)*	1479lm 1265lm					Phase Cut *(PC)*	
									Wireless*** *(WL)*	
				CRI95						
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(183DB)*	518lm		95 *(95)*			Analogue (1-10V) *(A1)*	
									DALI *(DL)*	
									Phase Cut *(PC)*	
									Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA ER10-30B-AD-90-34-WH-DL-00*

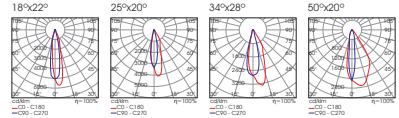
CASTALIA E LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA E LL *(CASTALIA E LL)*	Round *(RD)* Square *(SQ)*	White *(WH)* Black *(BL)*	Adjustable *(AD)*	GU10 (max 7.5W) *(G1)*

Lamp Not included

* Other RAL colours available upon request

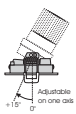
Ordering Code Example: *CASTALIA E LL-RD-WH-AD-G1*

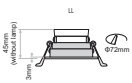


CASTALIA H

Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/B10 50000h





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LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
				CRI80 CRI90						
CASTALIA H *(CASTALIA H)*	Round *(R)*	**6.1W** *(06)*	2700K *(27B)*	812lm 677lm	Adjustable *(AD)*	80 *(80)*	18°x22° *(18)*	White *(WH)*	Without Driver *(00)*	No Extra *(00)*
			3000K *(30B)*	845lm 705lm		90 *(90)*	25°x20° *(25)*		Non Dimmable *(ND)*	
			4000K *(40B)*	879lm 733lm			34°x28° *(34)*	Black *(BL)*	Analogue (1-10V) *(A1)*	Emergency Kit *(01)*
							30°x50° *(30)*		DMX *(DX)*	
		10.3W *(10)*	2700K *(27B)*	1379lm 1138lm					DALI *(DL)*	
			3000K *(30B)*	1435lm 1180lm					Push Button *(PB)*	
			4000K *(40B)*	1479lm 1265lm					Phase Cut *(PC)*	
									Wireless*** *(WL)*	
				CRI95						
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(1830B)*	518lm		95 *(95)*			Analogue (1-10V) *(A1)*	
									DALI *(DL)*	
									Phase Cut *(PC)*	
									Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA HR10-30B-AD-90-25-WH-DL-00*

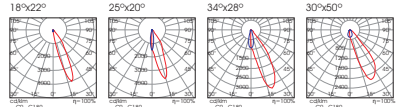
CASTALIA H LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA H LL *(CASTALIA H LL)*	Round *(RD)*	White *(WH)* Black *(BL)*	Adjustable *(AD)*	GU10 (max 7.5W) *(G1)*

Lamp
Not included

* Other RAL colours available upon request

Ordering Code Example: *CASTALIA H LL-RD-WH-AD-G1*



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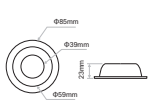
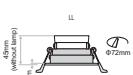
CASTALIA A

Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM
- L90/B10 50000h





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LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
				CRI80 CRI90						
CASTALIA A *(CASTALIA A)*	Round *(R)*	**6.1W** *(06)*	2700K *(27B)* 812lm 677lm 3000K *(30B)* 845lm 705lm 4000K *(40B)* 879lm 733lm		Fixed *(FX)*	80 *(80)* 90 *(90)*	18° *(18)* 24° *(24)* 32° *(32)* 55° *(55)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless*** *(WL)*	No Extra *(00)* Emergency Kit *(01)*
		10.3W *(10)*	2700K *(27B)* 1379lm 1138lm 3000K *(30B)* 1435lm 1180lm 4000K *(40B)* 1479lm 1265lm							
				CRI95						
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(1830B)* 518lm			95 *(95)*			Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA AR06-30B-FX-80-55-WH-DL-00*

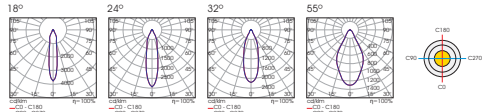
CASTALIA A LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA A LL *(CASTALIA A LL)*	Round *(RD)*	White *(WH)* Black *(BL)*	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*

Lamp
Not included

* Other RAL colours available upon request

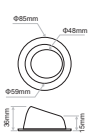
Ordering Code Example: *CASTALIA A LL-RD-WH-FX-G1*

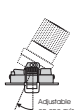


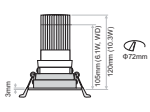
CASTALIA W

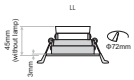
Ceiling Recessed

- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/B10 50000h









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LIGHTSOURCE BY bridgelux

Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
				CRI80 CRI90						
CASTALIA W *(CASTALIA W)*	Round *(R)*	**6.1W** *(06)*	2700K *(27B)*	812lm 677lm	Adjustable *(AD)*	80 *(80)*	22°x18° *(22)*	White *(WH)*	Without Driver *(00)*	No Extra *(00)*
			3000K *(30B)*	845lm 705lm		90 *(90)*	25°x20° *(25)*		Non Dimmable *(ND)*	
			4000K *(40B)*	879lm 733lm			34°x28° *(34)*		Analogue (1-10V) *(A1)*	Emergency Kit *(01)*
							50°x45° *(50)*	Black *(BL)*	DMX *(DX)*	
		10.3W *(10)*	2700K *(27B)*	1379lm 1138lm					DALI *(DL)*	
			3000K *(30B)*	1435lm 1180lm					Push Button *(PB)*	
			4000K *(40B)*	1479lm 1265lm					Phase Cut *(PC)*	
									Wireless*** *(WL)*	
				CRI95						
		Warm Dimming 6.1W *(WD06)*	1800K-3000K *(183OB)*	518lm		95 *(95)*			Analogue (1-10V) *(A1)*	
									DALI *(DL)*	
									Phase Cut *(PC)*	
									Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *CASTALIA WR10-30B-AD-90-25-WH-DL-00*

CASTALIA W LL

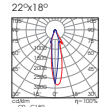
Model	Shape	Colour*	Type	Lamp Holder
CASTALIA W LL *(CASTALIA W LL)*	Round *(RD)*	White *(WH)* Black *(BL)*	Adjustable *(AD)*	GU10 (max 7.5W) *(G1)*

Lamp
Not included

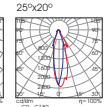
* Other RAL colours available upon request

Ordering Code Example: *CASTALIA W LL-RD-WH-AD-G1*

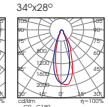
22°x18°



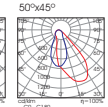
25°x20°



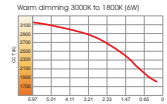
34°x28°



50°x45°



Warm dimming 3000K to 1800K (6W)

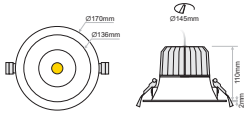


REVO M

Ceiling Recessed

- REVO M is the second recessed downlight of REVO series.
- It is available in white or black colour.
- It is offered monochromatic, tunable white or warm dimming.
- It has a variety of dimming options.
- Low UGR ensuring visual comfort (UGR<18).

Monochromatic, TW, WD
- 3 SDCM
- L90/B10 50.000h



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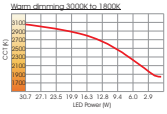
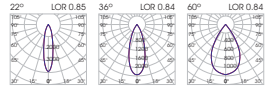
LIGHTSOURCE BY bridgelux

Model	LED Power	CCT*	CRI LED Source Tc:55°C		Type	Beam Angle	Colour	Dimming Option
			80 (80)	90 (90)				
REVO M (REVO M)	**17W** (17)	2700K (27B) 3000K (30B) 4000K (40B) 5700K (57B)	2530lm 2680lm 2760lm 2790m	2080lm 2180lm 2300lm 2290m	Fixed (FX)	22° (22) 36° (36) 60° (60)	White (WH) Black (BL)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Phase Cut (PC) Push Button (PB) Wireless** (WL)
	24W (24)	2700K (27B) 3000K (30B) 4000K (40B) 5700K (57B)	3600lm 3810lm 3940lm 3980m	2970lm 3100lm 3280lm 3260m				
	32W (32)	2700K (27B) 3000K (30B) 4000K (40B) 5700K (57B)	4500lm 4780lm 4910lm 4970lm	3710lm 3870lm 4100lm 4090lm				
				90 (90)				
	Tunable White 23.4W (TW23)	2700K~5700K (2757B)		2310lm (Both CCTs driven)				Without Driver (00) DMX (DX) DALI (DL) Wireless** (WL)
	Tunable White 32W (TW32)			2890lm (Both CCTs driven)				
				95 (95)				
	Warm Dimming 24W (WD24)	1800K~3000K (1830B)		2210lm				Without Driver (00) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Phase Cut (PC) Push Button (PB) Wireless** (WL)
	Warm Dimming 31W (WD31)	1800K~3000K (1830B)		2840lm				
	RGBW 22W (RGBW22)			1545lm		40° (40) 65° (65)		Without Driver (00) DMX (DX) DALI (DL) Wireless** (WL)
	RGBW 29.5W (RGBW30)			2075lm				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REVO M-24-30B-90-FX-60-WH-DL





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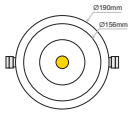
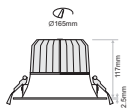
REVO L

Ceiling Recessed

- REVO L is the large recessed downlight of REVO series.
- It is available in white or black colour.
- It is offered monochromatic, tunable white or warm dimming.
- It has a variety of dimming options.
- Low UGR ensuring visual comfort (UGR<18).

Monochromatic, TW, WD
- 3 SDCM
- L90/B10 50.000h





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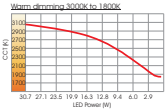
ELECTRON

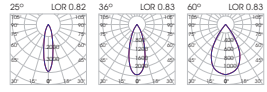
LIGHTSOURCE BY bridgelux.

Model	LED Power	CCT*	CRI LED Source Tc:55°C		Type	Beam Angle	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
REVO L *(REVO L)*	**24W** *(24)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5700K *(57B)*	3600lm 3810lm 3940lm 3980lm	2970lm 3100lm 3280lm 3260lm	Fixed *(FX)*	25° *(25)* 36° *(36)* 60° *(60)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Phase Cut *(PC)* Push Button *(PB)* Wireless** *(WL)*
	32W *(32)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5700K *(57B)*	4500lm 4780lm 4910lm 4970lm	3710lm 3870lm 4100lm 4090lm				
	37W *(37)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)* 5700K *(57B)*	5140lm 5460lm 5610lm 5690lm	4240lm 4430lm 4690lm 4670lm				
				90 *(90)*				Without Driver *(00)* DMX *(DX)* DALI *(DL)* Wireless** *(WL)*
	Tunable White 32W *(TW32)*	2700K~5700K *(2757B)*		2940lm *(Both CCTs driven)*				
	Tunable White 37W *(TW37)*			3190lm *(Both CCTs driven)*				
				95 *(95)*				Without Driver *(00)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Phase Cut *(PC)* Push Button *(PB)* Wireless** *(WL)*
	Warm Dimming 24W *(WD24)*	1800K~3000K *(1830B)*		2250lm				
	Warm Dimming 31W *(WD31)*	1800K~3000K *(1830B)*		2890lm				
	RGBW 22W *(RGBW22)*			1545lm		40° *(40)* 65° *(65)*		Without Driver *(00)* DMX *(DX)* DALI *(DL)* Wireless** *(WL)*
	RGBW 29.5W *(RGBW30)*			2075lm				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REVO L-37-30B-80-FX-36-WH-DL*





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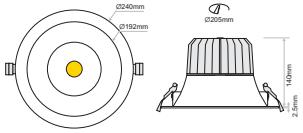
REVO X

Ceiling Recessed

- REVO X is the largest recessed downlight of REVO series.
- It is available in white or black colour.
- It is offered monochromatic, tunable white or warm dimming.
- It has a variety of dimming options.
- Low UGR ensuring visual comfort (UGR<18).

Monochromatic, TW, WD
- 3 SDCM
- L90/B10 50.000h



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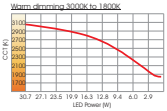
ELECTRON

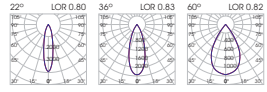
LIGHTSOURCE BY bridgelux.

Model	LED Power	CCT*	CRI LED Source Tc:55°C		Type	Beam Angle	Colour	Dimming Option
			80 (80)	90 (90)				
REVO X (REVO X)	**24W** (24)	2700K (27B) 3000K (30B) 4000K (40B) 5700K (57B)	3600lm 3810lm 3940lm 3980lm	2970lm 3100lm 3280lm 3260lm	Fixed (FX)	22° (22) 36° (36) 60° (60)	White (WH) Black (BL)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Phase Cut (PC) Push Button (PB) Wireless** (WL)
	32W (32)	2700K (27B) 3000K (30B) 4000K (40B) 5700K (57B)	4500lm 4780lm 4910lm 4970lm	3710lm 3870lm 4100lm 4090lm				
	37W (37)	2700K (27B) 3000K (30B) 4000K (40B) 5700K (57B)	5140lm 5460lm 5610lm 5690lm	4240lm 4430lm 4690lm 4670lm				
				90 (90)				
	Tunable White 32W (TW32)	2700K~5700K (2757B)		2940lm (Both CCTs driven)				Without Driver (00) DMX (DX) DALI (DL) Wireless** (WL)
	Tunable White 37W (TW37)			3190lm (Both CCTs driven)				
				95 (95)				
	Warm Dimming 24W (WD24)	1800K~3000K (1830B)		2250lm				Without Driver (00) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Phase Cut (PC) Push Button (PB) Wireless** (WL)
	Warm Dimming 31W (WD31)	1800K~3000K (1830B)		2890lm				
	RGBW 30W (RGBW30)			2075lm		40° (40) 65° (65)		Without Driver (00) DMX (DX) DALI (DL) Wireless** (WL)
	RGBW 43W (RGBW43)			2975lm				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REVO X-37-30B-80-FX-36-WH-DL*

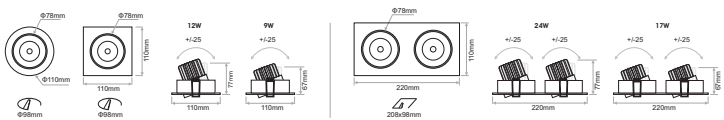




BORRELY

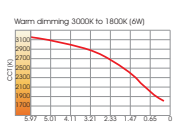
Ceiling Recessed

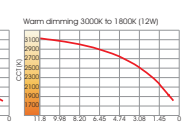
- BORRELY is an adjustable recessed downlight available single or double.
- High efficiency deep reflector with clear cover glass.
- Heat sink is of die-cast aluminium.
- 3 SDCM
- L90/B10 50.000h



LIGHTSOURCE BY bridgelux

Model	LED Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			CRI80	CRI90	CRI97						COVER
BORRELY Round *(BORRELY R)*	**8.9W** *(09)*	2700K *(27B)*	1089lm	908lm	-	Adjustable *(AD)*	80 *(80)*	38° *(38)*	White *(WH)*	Without Driver *(00)*	Standard *(0N)*
		3000K *(30B)*	1135lm	946lm	-		90 *(90)*			Non Dimmable *(ND)*	Diffuser *(FR)*
		4000K *(40B)*	1180lm	1014lm	-		97 *(97)*			Analogue (1-10V) *(A1)*	*(XX)*
BORRELY Square *(BORRELY S)*	**12.2W** *(12)*	2700K *(27B)*	1575lm	1313lm	-					DMX *(DX)*	EXTRAS
		3000K *(30B)*	1657lm	1362lm	-					DALI *(DL)*	No Extras *(0D)*
		4000K *(40B)*	1706lm	1460lm	-					Push Button *(PB)*	Emergency *(1A)*
		5700K *(57B)*	1788lm	-	-					Phase Cut *(PC)*	
	12.5W *(13)*	2700K *(27B)*	-	-	1121lm					Wireless** *(WL)*	
		3000K *(30B)*	-	-	1196lm						
	Warm Dimmable				CRI95						
	6W *(WD06)*	Warm Dimmable *(1830B)* 1800K~3000K			518lm		95 *(95)*			Analogue (1-10V) *(A1)*	
										DALI *(DL)*	
	11.8W *(WD12)*	Warm Dimmable *(1830B)* 1800K~3000K			1045lm					Phase Cut *(PC)*	
										Wireless* *(WL)*	
			CRI80	CRI90	CRI97						
BORRELY DOUBLE Square *(BORRELY DS)*	**17.8W** *(18)*	2700K *(27B)*	2178lm	1816lm	-		80 *(80)*			Without Driver *(00)*	
		3000K *(30B)*	2270lm	1892lm	-		90 *(90)*			Non Dimmable *(ND)*	
		4000K *(40B)*	2360lm	2028lm	-		97 *(97)*			Analogue (1-10V) *(A1)*	
	24.4W *(24)*	2700K *(27B)*	3150lm	2626lm	-					DMX *(DX)*	
		3000K *(30B)*	3314lm	2724lm	-					DALI *(DL)*	
		4000K *(40B)*	3412lm	2920lm	-					Push Button *(PB)*	
		5700K *(57B)*	3576lm	-	-					Phase Cut *(PC)*	
	25W *(25)*	2700K *(27B)*	-	-	2242lm					Wireless** *(WL)*	
		3000K *(30B)*	-	-	2392lm						
	Warm Dimmable				CRI95						
	12W *(WD12)*	Warm Dimmable *(1830B)* 1800K~3000K			1036lm		95 *(95)*			Analogue (1-10V) *(A1)*	
										DALI *(DL)*	
	23.6W *(WD24)*	Warm Dimmable *(1830B)* 1800K~3000K			2090lm					Phase Cut *(PC)*	
										Wireless* *(WL)*	





VESTA

Ceiling Recessed

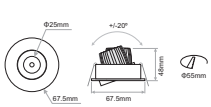
- VESTA is a small sized downlight available in round or square form.
- Increased efficiency.
- 3 SDCM
- L90/B10 50.000h

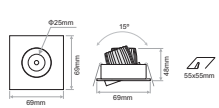
LIGHTSOURCE BY bridgelux

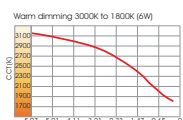
Model	LED Power	CCT*	LED Source CRI80	LED Source CRI90	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
VESTA Round *(VESTA R)* **VESTA Square** *(VESTA S)*	**6.1W** *(06)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	*785lm* *817lm* *850lm*	*654lm* *681lm* *730lm*	Adjustable *(AD)*	80 *(80)* 90 *(90)*	43° *(43)*	White *(WH)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless** *(WL)*	***COVER*** Standard *(01)* *(XX)* ***EXTRAS*** No Extras *(00)* Emergency *(X1)*
Warm Dimmable				CRI95						
	6W *(WD06)*	Warm Dimmable 1800K~3000K *(1830B)*		*518lm*		95 *(95)*	40° *(40)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless** *(WL)*	

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: VESTA R06-40B-AD-80-43-WH-DL-00







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ELECTRON

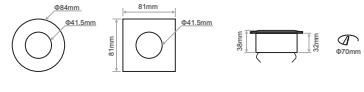
AVRA

Ceiling Recessed

- AVRA is a fixed downlight suitable for LED lamps available with clear or frosted glass.
- Luminaire: Die-cast aluminium.
- Ideal for lighting in bathrooms, spa, fitting rooms, etc.
- IP65 (face only).

IP65
Face only

Code	Colour	Glass	Type	Lamp	Maximum Consumption		Diameter	IP Rate
ALE.032	NICKEL BRUSH	Frosted	Round	MR16	35W	70mm	84mm	IP65
ALE.033	WHITE	Frosted	Round	MR16	35W	70mm	84mm	IP65
ALE.034	WHITE	Frosted	Square	MR16	35W	70mm	84mm	IP65
ALE.056	NICKEL BRUSH	Clear	Round	MR16	35W	70mm	84mm	IP65
ALE.057	WHITE	Clear	Round	MR16	35W	70mm	84mm	IP65
ALE.035	WHITE	Clear	Square	MR16	35W	70mm	84mm	IP65



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JUPITER

Ceiling Recessed

- JUPITER is a fixed downlight available with clear or frosted glass.
- Luminaire: Die cast aluminium.
- 3 SDCM
- L90/B10 50000h
- IP65 (face only)

Round

Square (upon request)

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ELECTRON

LIGHTSOURCE BY bridgelux.

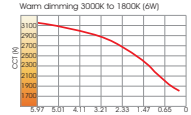
IP65 Face only

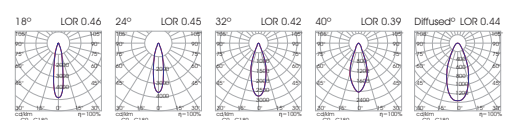
Model	Power	CCT	CRI80, CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Extras
			80 (80) 90 (90)					
JUPITER (JUPITER)	**6.1W** (6)	2700K (27B)	812lm 677lm	18° (18)	Fixed (FX)	White (WH)	Without Driver (00)	No Extras (0)
		3000K (30B)	845lm 705lm	24° (24)		Nickel Satin (NS)	Non Dimmable (ND)	Emergency Kit (1)
		4000K (40B)	879lm 733lm	32° (32)			Analogue (1..10V) (A1)	
				40° (40)			DMX (DX)	
				Diffused (DF)			DALI (DL)	
	10.3W (10)	2700K (27B)	1379lm 1138lm				Push Switch (PS)	
		3000K (30B)	1435lm 1180lm				Phase Cut (PC)	
		4000K (40B)	1479lm 1265lm				Wireless ** (WL)	
	Warm Dimmable		95 (95)				Analogue (1..10V) (A1)	
	6.1W (6)	Warm Dimmable (WD) 1800K~3000K	518lm				DALI (DL)	
							Phase Cut (PC)	
							Wireless * (WL)	

* CCT: 3500K, 5000K, 6500K available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *JUPITER 10-30B-80-32-FX-WH-ND-0*

Warm dimming 3000K to 1800K (6W)





ELDO

Ceiling Recessed

- ELDO is a small scale downlight suitable in applications with low depth ceiling.
- Available in Black or White, but also RAL colours are available on request.
- Consumption: 1W@300mA 1,5W@500mA 2,1W@700mA
- L90 B10 50000h
- 3 SDCM

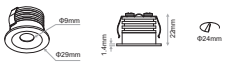
CREE LEDs

IP20

Model	LED Power*	CCT**	CRI80 LED Source	CRI90 LED Source	Type	Beam Angle	Colour	Dimming Option
			80 *(80)*	90 *(90)*				
ELDO *(ELDO)*	**2.1W** *(02)*	2700K *(27C)*	*230lm*	*190lm*	Fixed *(FX)*	24° *(24)*	White *(WH)*	Without Driver *(00)*
		3000K *(30C)*	*245lm*	*215lm*		36° *(36)*	Black *(BL)*	24VDC PWM Dimmable *(24D)*
		4000K *(40C)*	*265lm*	-		Frosted *(FR)*		

* 2.1W@700mA
** Models with CCTs of 5700K & 6500K are available upon request.

Ordering Code Example: *ELDO-02-40C-80-FX-36-BL-00*



Ceiling Recessed

EVO I

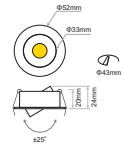
- EVO I is a low depth downlight, suitable in applications with limited space.
- Adjustable : tilt +/-25°.
- Material: aluminium.
- Colour: anodized aluminum (silver).
- Indoor use only.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

LUMILEDS

IP20

Code	Model	No.LED	CCT	Watt	Current	Beam Angle	IP Rate
ALI.134	**EVO I**	1	3000K	2W	700mA	25°	IP20



TORN / TORN MINI

Ceiling Recessed

- TORN & TORN MINI miniaturized dimmable constant current LED spot.
- Ideal for decorative lighting.
- Luminaire body: aluminium.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

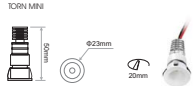
CREE LEDs

Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.226 **ALI.227**	TORN	1	3000K 5600K	1W / 350mA	Φ35x50mm	60°	White	Dimmable
ALI.228 **ALI.229**	TORN MINI		3000K 5600K		Φ23x50mm	30°		

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

TORN

TORN MINI



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ELECTRON

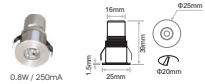
Ceiling Recessed

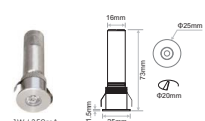
BAROLO

- BAROLO is a small sized constant current downlight.
- Available in 30° & 60°.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs



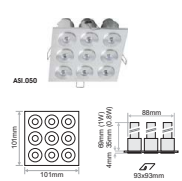


Code	No.LED	CCT*	Watt	Current**	Diameter	Beam Angle	
0.8W / 250mA							
LED.230 **LED.231** **LED.232**	1	6000K 4000K 3000K	0.8W	250mA	25mm	30°	Dimmable
LED.233 **LED.234** **LED.235**		6000K 4000K 3000K				60°	
1W / 350mA							
LED.227 **LED.228** **LED.229**	1	6000K 4000K 3000K	1W	350mA	25mm	30°	Dimmable
LED.236 **LED.237** **LED.238**		6000K 4000K 3000K				60°	

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

Accessories
(Barolo LEDs not included)

ASI.050



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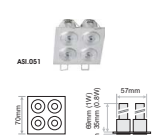

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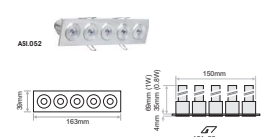

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ELECTRON

CUBIC / EYE / EYE SQUARE

Ceiling Recessed

- Decorative small sized downlights.
- Luminaire body: aluminium.
- 3 SDCM
- L90/B10 50000h

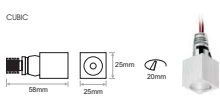
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs

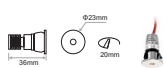
Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.216	CUBIC	1	3000K	1W / 350mA	25x25x58mm	30°	Aluminium MAT	Dimmable
ALI.217			5600K					
ALI.218	EYE		3000K		Φ23x36mm	120°	Nickel Mat	
ALI.219			5600K					
ALI.220	EYE SQUARE		3000K		23x23x36mm	120°	Nickel Mat	
ALI.221			5600K					

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

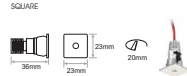
CUBIC



EYE



EYE SQUARE



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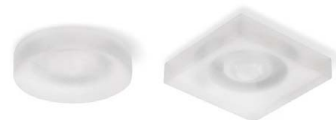
ELECTRON

FRAME / FRAME SQUARE

Ceiling Recessed

- Decorative small sized recessed downlights.
- Diffused light emission.
- Round and Square shape.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



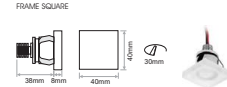
CREE LEDs

Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.222	FRAME	1	3000K	1W / 350mA	Φ40x46mm	Diffused	Frost Diffuser	Dimmable
ALI.223			5600K					
ALI.224	FRAME SQUARE		3000K		40x40x46mm			
ALI.225			5600K					

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

FRAME

FRAME SQUARE



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STARLIGHT SERIES

Ceiling Recessed

- Decorative small sized downlights.
- Dimmable Constant Current LED Spots 350mA.
- Available in different forms creating various lighting patterns.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Code	Model	No.LED	CCT*	Watt/Current**	Dimensions	Beam Angle	Finish	
ALI.206 **ALI.207**	CRYSTAL	1	3000K 5600K	1W / 350mA	Φ60x85mm	Diffused	Chromed Aluminium	Dimmable
ALI.208 **ALI.209**	RHOMB		3000K 5600K		Φ30x83mm			
ALI.210 **ALI.211**	BALL		3000K 5600K		Φ30x83mm			
ALI.212 **ALI.213**	DIAMOND		3000K 5600K		Φ23x95mm			
ALI.214 **ALI.215**	DIAMOND MINI		3000K 5600K	0.5W / 160mA	Φ12x67mm			

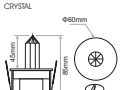
*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Model	No.LED	Colour	Watt	Voltage	Dimensions	Beam Angle	Finish	
DIAMOND RGB /CC*	1	RGB	0.25W	5VDC	Φ23x65mm	Diffused	Chromed Aluminium	Dimmable

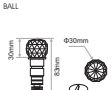
*CC=Common Cathode

CRYSTAL

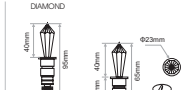


RHOMB

BALL



DIAMOND



DIAMOND MINI

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ELECTRON

Ceiling Recessed

PETITE ANTI-GLARE

- PETITE ANTI-GLARE ideal for decorative lighting.
- 3 SDCM
- L90/B10 50000h

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

CREE LEDs

Code	Model	No.LED	Colour*	Watt	Current**	Diameter	Beam Angle	
ALI.107 **ALI.108**	PETITE ANTI-GLARE	1	5600K 3000K	1W	350mA	Φ48mm	120°	Dimmable

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

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TALUS RC

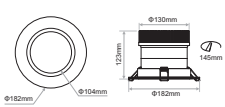
Ceiling Recessed

- TALUS Recessed downlight available in white or black colour.

Monochromatic, TW
- 3 SDCM
- L90/B10 50.000h

WD
- Dimmable options.
- 3 SDCM
- L90/B10 50.000h

RGBW
- White CCT at 4000K. (Other CCTs are available upon request).



Monochromatic RGBW

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ELECTRON

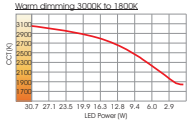
LIGHTSOURCE BY bridgelux. Monochromatic, TW, WD

CREE LEDs RGBW

Model	LED Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option
			CRI80	CRI90	CRI97					
TALUS RC *(TALUS RC)*	**23.9W** *(24)*	2700K *(27B)*	*3621lm*	*2987lm*	*2647lm*	Fixed *(FX)*	80 *(80)*	20° *(20)*	White *(WH)*	Without Driver *(00)*
		3000K *(30B)*	*3847lm*	*3123lm*	*2829lm*		90 *(90)*	35° *(35)*	Black *(BL)*	Non Dimmable *(ND)*
		4000K *(40B)*	*3960lm*	*3304lm*	-		97 *(97)*	60° *(60)*		Analogue (1-10V) *(A1)*
		5700K *(57B)*	*3847lm*	-	-					DMX *(DX)*
										DALI *(DL)*
	31.3W *(31)*	2700K *(27B)*	*4510lm*	*3721lm*	*3298lm*					Phase Cut *(PC)*
		3000K *(30B)*	*4792lm*	*3890lm*	*3524lm*					Push Button *(PB)*
		4000K *(40B)*	*4933lm*	*4115lm*	-					Wireless*** *(WL)*
		5700K *(57B)*	*4792lm*	-	-					
	37.1W *(37)*	2700K *(27B)*	*5199lm*	*4289lm*	*3802lm*					
		3000K *(30B)*	*5524lm*	*4484lm*	*4062lm*					
		4000K *(40B)*	*5687lm*	*4744lm*	-					
		5700K *(57B)*	*5524lm*	-	-					
	Tunable White			CRI90						
	23.9W *(24)*	Tunable White *(TWB)* 2700K~5700K		*2252lm* (Both CCTs driven)			90 *(90)*			Without Driver *(00)*
										DMX *(DX)*
	34.8W *(35)*			*3188lm* (Both CCTs driven)						DALI *(DL)*
										Wireless*** *(WL)*
	Warm Dimmable			CRI95						
	30.7W *(WD31)*	Warm Dimmable *(1830B)* 1800K~3000K		*2840lm*			95 *(95)*			Without Driver *(00)*
										Analogue (1-10V) *(A1)*
										DMX *(DX)*
										DALI *(DL)*
										Phase Cut *(PC)*
										Push Button *(PB)*
										Wireless*** *(WL)*
	R G B W									
	29.5W *(30)*	RGBW** *(RGBW)*		*2075lm*				20° *(20)*		Without Driver *(00)*
								38° *(38)*		DMX *(DX)*
	42.5W *(43)*			*2695lm*						DALI *(DL)*
										Wireless*** *(WL)*

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** Other colour combinations available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: TALUS RC31-30B-FX-90-60-BL-00



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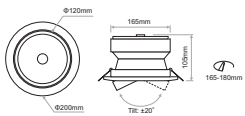
TALUS ADJ RC

Ceiling Recessed

- TALUS adjustable recessed downlight available in white or black colour.

Monochromatic, TW, WD
- 3 SDCM
- L90/B10 50.000h

RGBW
- White CCT at 4000K. (Other CCTs are available upon request).



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ELECTRON

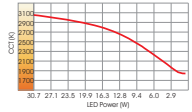
LIGHTSOURCE BY bridgelux. Monochromatic, TW, WD

CREE LEDs RGBW

Model	LED Power	CCT*	CRI80, CRI90, CRI97 LED Source			Type	Beam Angle	Colour	Dimming Option	Accessories
			80 (80)	90 (90)	97 (97)					COVER
TALUS ADJ RC (TALUS A RC)	**23.9W** (24)	2700K (27B)	3621lm	2987lm	2647lm	Adjustable (AD)	20° (20)	White (WH)	Without Driver (00)	Clear (01)
		3000K (30B)	3847lm	3123lm	2829m		38° (38)	Black (BL)	Non Dimmable (ND)	Center Frost (11)
		4000K (40B)	3960lm	3304lm	-		60° (60)		Analogue (1-10V) (A1)	Diffused (21)
		5700K (57B)	3847m	-	-		110°*** (110)		DMX (DX)	↓
	31.3W (31)	2700K (27B)	4510lm	3721lm	3298lm				DALI (DL)	(XX)
		3000K (30B)	4792lm	3890lm	3524lm				Phase Cut (PC)	↑
		4000K (40B)	4933lm	4115lm	-				Push Button (PB)	EXTRAS
		5700K (57B)	4792lm	-	-				Wireless***** (WL)	No Extras (00)
	37.1W (37)	2700K (27B)	5199lm	4289lm	3802lm					
		3000K (30B)	5524lm	4484lm	4062lm					
		4000K (40B)	5687lm	4744lm	-					
		5700K (57B)	5524lm	-	-					
	Tunable White			90 (90)						
	23.9W (24)	Tunable White (TWB) 2700K~5700K		2252lm (Both CCTs driven)			15°** (15)		Without Driver (00)	
							35°** (35)		DMX (DX)	
	34.8W (35)			3188lm (Both CCTs driven)			55°** (55)		DALI (DL)	
							110°***(110)		Wireless***** (WL)	
	Warm Dimmable			95 (95)						
	30.7W (WD31)	Warm Dimmable (1830B) 1800K~3000K		2962lm					Without Driver (00)	
									Analogue (1-10V) (A1)	
									DMX (DX)	
									DALI (DL)	
									Phase Cut (PC)	
									Push Button (PB)	
									Wireless***** (WL)	
	R G B W									COVER
	29.5W (30)	RGBW**** (RGBW)		2075lm			35° (35)		Diffused (21)	
							55° (55)		Without Driver (00)	↓
	42.5W (43)			2695lm					DMX (DX)	(20)
									DALI (DL)	↑
									Wireless***** (WL)	EXTRAS
										No Extras (00)

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** Beam angle values are only valid for clear cover.
*** 110° only for diffused cover.
**** Other colour combinations available upon request.
***** The wireless dimming option includes driver and Bluetooth dimming accessory.

Warm dimming 3000K to 1800K



Ordering Code Example: TALUS A RC31-30B-80-AD-38-BL-00-00

RODITA

Ceiling Recessed

- RODITA downlight with a tilt of 60°.

Monochromatic:
- High efficiency deep reflector.
- Luminaire body: aluminium.
- 3 SDCM (for monochromatic models).
- L90/B10 50.000h

RGBW:
- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h

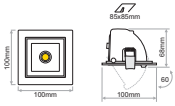
LIGHTSOURCE BY bridgelux. Monochromatic

CREE LEDs RGBW

Model	LED Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories
RODITA *(RODITA)*	**12.3W** *(12)*	2700K *(27B)*	*1662lm*	*1372lm*	*1216lm*	Adjustable *(AD)*	80 *(80)*	40° *(40)*	White *(WH)*	Without Driver	*(00)*	**COVER** Standard *(0i)*
		3000K *(30B)*	*1766lm*	*1434lm*	*1299lm*		90 *(90)*			Non Dimmable	*(ND)*	*(XX)*
		4000K *(40B)*	*1818lm*	*1517lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*	**EXTRAS**
		5700K *(57B)*	*1766lm*	-	-					DMX	*(DX)*	No Extras *(>0)*
										DALI	*(DL)*	Emergency**** *(>1)*
										Push Button	*(PB)*	
										Phase Cut	*(PC)*	
										Wireless***	*(WL)*	
	R G B W											
	12.5W *(13)*	RGBW *(RGBW)*	*960lm*							Without Driver	*(00)*	
										DMX	*(DX)*	
										DALI	*(DL)*	
										Wireless***	*(WL)*	

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.
**** Emergency only for monochromatic versions.

Ordering Code Example: *RODITA 12-40B-AD-80-40-WH-DL-00*



ELECTRON

Ceiling Recessed

SORENA

- SORENA downlight with a tilt of 60° and rotation of 360°.

Monochromatic:
- High purity aluminium.
- 3 SDCM (for monochromatic models).
- L90/B10 50.000h

RGBW:
- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h

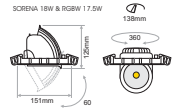
LIGHTSOURCE BY bridgelux. Monochromatic

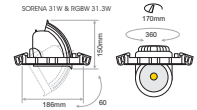
CREE LEDs RGBW

Model	LED Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories
SORENA *(SORENA)*	**17.5W** *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*	Adjustable *(AD)*	80 *(80)*	38° *(38)*	White *(WH)*	Without Driver	*(00)*	**COVER** Standard *(0i)*
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*		90 *(90)*			Non Dimmable	*(ND)*	*(XX)*
		4000K *(40B)*	*2714lm*	*2265lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*	**EXTRAS**
		5700K *(57B)*	*2637lm*	-	-					DMX	*(DX)*	No Extras *(>0)*
	31.3W *(31)*	2700K *(27B)*	*4510lm*	*3721lm*	*3298lm*			20° *(20)*		DALI	*(DL)*	Emergency**** *(>1)*
		3000K *(30B)*	*4792lm*	*3890lm*	*3524lm*					Push Button	*(PB)*	
		4000K *(40B)*	*4933lm*	*4115lm*	-					Phase Cut	*(PC)*	
		5700K *(57B)*	*4792lm*	-	-					Wireless***	*(WL)*	
	R G B W											
	12.5W *(13)*	RGBW *(RGBW)*	*960lm*					24° *(24)*		Without Driver	*(00)*	
	18W *(18)*		*1245lm*							DMX	*(DX)*	
	29.5W *(30)*		*2075lm*							DALI	*(DL)*	
										Wireless***	*(WL)*	

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.
**** Emergency only for monochromatic versions.

Ordering Code Example: *SORENA 31-30B-AD-90-20-WH-DL-00*





KRONOS

Ceiling Recessed

- KRONOS downlight.
- High efficiency deep reflector with clear cover glass.

BRIDGELUX
- 3 SDCM
- L90/B10 50.000h

CREE (RGBW)
- White CCT at 4000K. (Other CCTs are available upon request)
- L80/B10 50.000h

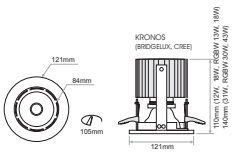
LIGHTSOURCE BY bridgelux for Monochromatic

CREE LEDs for RGBW

Model	Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
KRONOS *(KRONOS)*	**12.3W** *(12)*	2700K *(27B)*	1662lm	1372lm	1216lm	Fixed *(FX)*	80 *(80)*	16° *(16)*	White *(WH)*	Without Driver *(00)*	**COVER**
		3000K *(30B)*	1766lm	1434lm	1299lm		90 *(90)*	26° *(26)*	Black *(BL)*	Non Dimmable *(ND)*	Standard *(0⁄)*
		4000K *(40B)*	1818lm	1517lm	-		97 *(97)*	38° *(38)*	Grey *(GR)*	Analogue (1-10V) *(A1)*	Diffuser *(1⁄)*
		5700K *(57B)*	1766lm	-	-				Nickel Satin *(NS)*	DMX *(DX)*	Honeycomb *(2⁄)*
	17.5W *(18)*	2700K *(27B)*	2482lm	2048lm	1815lm				Gold *(GL)*	DALI *(DL)*	*(XX)*
		3000K *(30B)*	2637lm	2140lm	1939lm					Push Button *(PB)*	**EXTRAS**
		4000K *(40B)*	2714lm	2265lm	-					Phase Cut *(PC)*	No Extras *(/0)*
		5700K *(57B)*	2637lm	-	-					Wireless*** *(WL)*	Emergency *(/1)*
	31.3W *(31)*	2700K *(27B)*	4510lm	3721lm	3298lm						
		3000K *(30B)*	4792lm	3890lm	3524lm						
		4000K *(40B)*	4933lm	4115lm	-						
		5700K *(57B)*	4792lm	-	-						
	12.5W *(13)*	R G B W RGBW *(RGBW)*	960lm				26° *(26)*			Without Driver *(00)*	**COVER**
							38° *(38)*			DMX *(DX)*	Standard *(0⁄)*
	18W *(18)*		1245lm							DALI *(DL)*	*(XX)*
	29.5W *(30)*		2075lm							Wireless*** *(WL)*	**EXTRAS**
	42.5W *(43)*		2695lm								No Extras *(/0)*

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: KRONOS 31-30B-FX-90-38-BL-ND-00



Honeycomb louver accessory

ELECTRON

RONELO

Ceiling Recessed

- RONELO adjustable downlight with consumption of up to 62 watt.
- High efficiency deep reflector with clear cover glass.
- Ideal easy replacement in existing theater houselighting.
- Dimmable options.
- Increased efficiency.

Monochromatic, TW:
- 3 SDCM
- L90/B10 50.000h

RGBW:
- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h

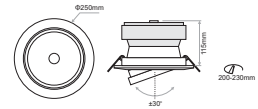
LIGHTSOURCE BY bridgelux Monochromatic, TW

CREE LEDs RGBW

Model	LED Power	CCT*	CRI80, CRI90** LED Source 80 *(80)*	90 *(90)*	Type	Beam Angle	Colour	Dimming Option	Accessories
RONELO *(RONELO)*	**45.2W** *(45)*	2700K *(27B)*	7001lm	5776lm	Adjustable *(AD)*	18° *(18)*	White *(WH)*	Without Driver *(00)*	**Cover**
		3000K *(30B)*	7438lm	6038lm		38° *(38)*	Black *(BL)*	Non Dimmable *(ND)*	Standard *(0⁄)*
		4000K *(40B)*	7657lm	6388lm		66° *(66)*		Analogue (1-10V) *(A1)*	Diffuser *(1⁄)*
		5700K *(57B)*	7438lm	-		110° *(110)*		DMX*** *(DX)*	Frosted Center *(2⁄)*
	53.3W *(53)*	2700K *(27B)*	8068lm	6656lm				DALI *(DL)*	*(XX)*
		3000K *(30B)*	8572lm	6958lm				Push Button *(PB)*	**EXTRAS**
		4000K *(40B)*	8824lm	7362lm				Wireless**** *(WL)*	No Extras *(/0)*
		5700K *(57B)*	8572lm	-				Phase Cut*** *(PC)*	
	61.5W *(62)*	2700K *(27B)*	9112lm	7518lm					
		3000K *(30B)*	9682lm	7859lm					
		4000K *(40B)*	9967lm	8315lm					
		5700K *(57B)*	9682lm	-					
	Tunable White **39W** *(40)*	Tunable White *(TWB)* 2700K~5000K	90 *(90)* 3135lm *(Both CCTs driven)*					Without Driver *(00)* DMX *(DX)* DALI *(DL)* Wireless**** *(WL)*	
	R G B W **29.5W** *(30)*	RGBW *(RGBW)*	2075lm		Adjustable *(AD)*	20° *(20)* 45° *(45)* 65° *(65)*	White *(WH)* Black *(BL)*	Without Driver *(00)* DMX *(DX)* DALI *(DL)* Wireless**** *(WL)*	**Cover** Standard *(0⁄)* *(XX)* **EXTRAS** No Extras *(/0)*
	42.5W *(43)*		2695lm						

* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.
* CREE RGBW: Other colour combinations available upon request.
**CRI90 Available up to 5000K. CRI97 Available upon request.
***Consists of two components (power supply + led driver).
**** The wireless dimming option includes driver and Bluetooth dimming accessory.

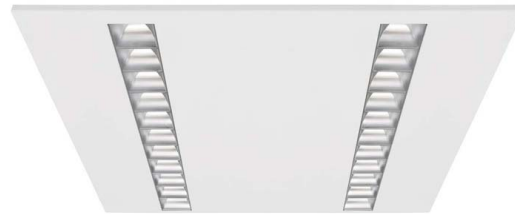
Ordering Code Example: RONELO 53-40B-80-AD-66-WH-ND-00



Ceiling Recessed

HORIZON

- Horizon is a direct lighting panel available in two dimensions.
- Suitable for recessed, surface or pendant installation.
- Luminaire available in white colour.
- Louvre available in silver, white or black colour.
- Low Glare: Max UGR<19 with silver louvre.
- Dimming: Non-Dimmable, Analogue (1-10V), DALI.
- IP40/ IK06



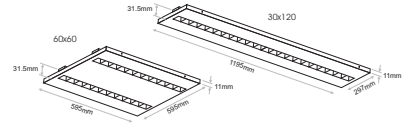
Model-Watt	Dimensions	CCT*	Luminous Flux CRI80	Louvre Options	Beam Angle	Dimming Option
HORIZON 25W *(HORIZON 25)*	595x595 *(60x60)* 295x1195 *(30x120)*	3000K *(30)* 4000K *(40)* 5000K *(50)* 5700K *(57)*	*3250lm* *3330lm* *3410lm* *3500lm*	Silver *(SL)* White *(WH)* Black *(BL)*	*65°* *80°* *80°*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)*

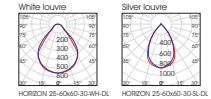
Ordering Code Example: *HORIZON 25-30X120-30-SL-DL*

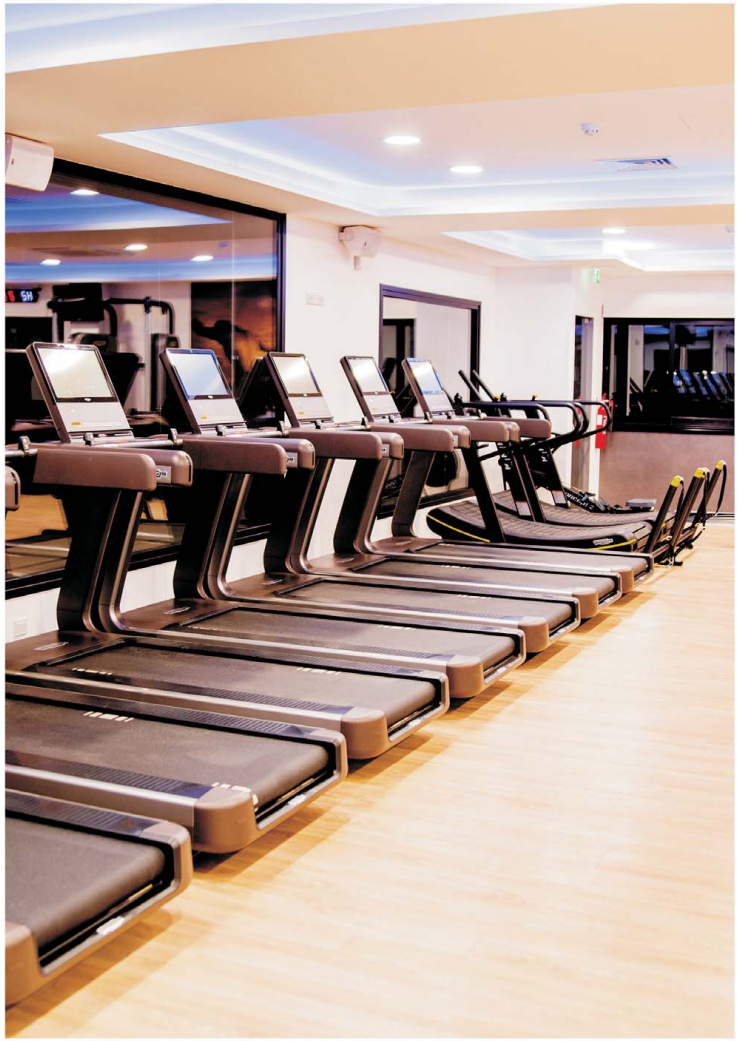
Silver

White

Black





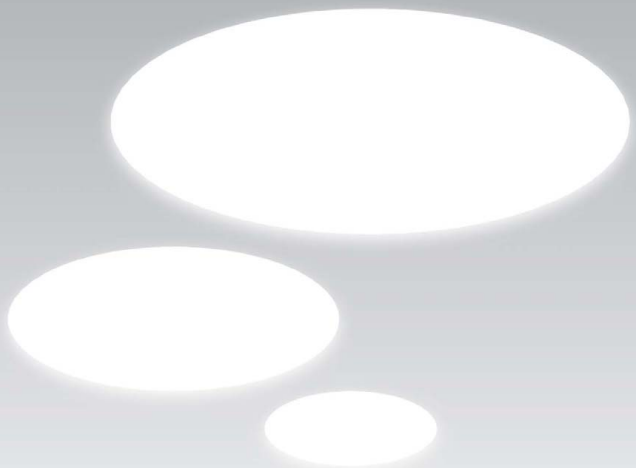


CEILING TRIMLESS

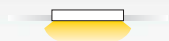
ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

DISC TR
(Trimless)

Ceiling Trimless



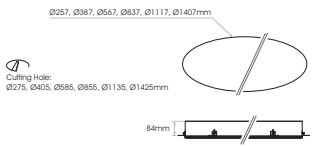
- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:
✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour	CCT	Watt / Diameter	CRI* LED Source	CRI* LED Source	Type	Voltage	Dimming Option	Extras
				3000K	4000K				
DISC Trimless High Power *(DISC TR HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	≥ 80 *(80)*	≥ 80 *(80)*	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
		4000K *(40)*	11.9W / 27cm *(12W027)*	*1910lm*	*2070lm*	Low Glare *(LG)* **		Analogue (1-10V) *(A1)*	Standard *(0)*
			26.2W / 40cm *(26W040)*	*3970lm*	*4170lm*				Emergency *(1)*
			57.4W / 58cm *(58W058)*	*8670lm*	*9110lm*			DALI *(DL)*	
			123.8W / 85cm *(124W085)*	*17980lm*	*18900lm*			Wireless *(WL)*	
			214.8W / 113cm *(215W113)*	*31060lm*	*32650lm*				
			336.6W / 142cm *(337W142)*	*49550lm*	*52200lm*				
DISC Trimless High Efficiency *(DISC TR HE)*			HIGH EFFICIENCY	≥ 80 *(80)*	≥ 80 *(80)*	Opal *(OP)*			
			4.5W / 27cm *(05W027)*	*810lm*	*880lm*	Low UGR *(LU)* **			
			9.8W / 40cm *(10W040)*	*1680lm*	*1770lm*				
			21.2W / 58cm *(21W058)*	*3640lm*	*3830lm*				
			45.7W / 85cm *(46W085)*	*7430lm*	*7810lm*				
			79.4W / 113cm *(80W113)*	*12830lm*	*13490lm*				
			124.4W / 142cm *(124W142)*	*20590lm*	*21700lm*				

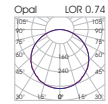
* Available in CRI90 upon request.
** Low Glare (UGR<22), Low UGR (UGR<19)

Ordering Code Example: *DISC TR HP-WH-30-58W058-80-LG-230-ND-0*

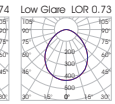
	Ø257mm	Ø387mm	Ø567mm	Ø837mm	Ø1117mm	Ø1407mm
DISC Trimless						
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

HIGH POWER

Opal LOR 0.74

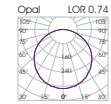


Low Glare LOR 0.73

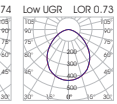


HIGH EFFICIENCY

Opal LOR 0.74

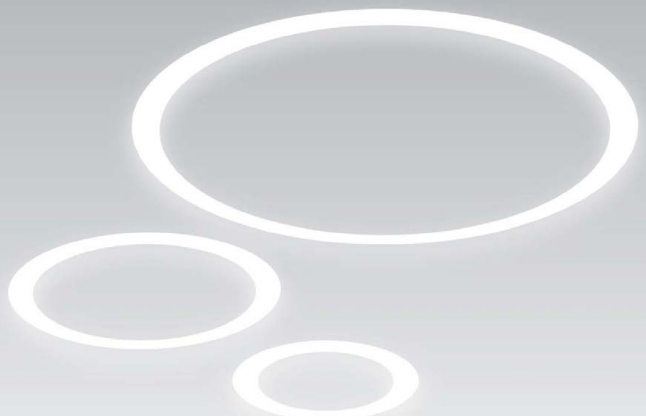


Low UGR LOR 0.73



ECLIPSE TR
(Trimless)

Ceiling Trimless



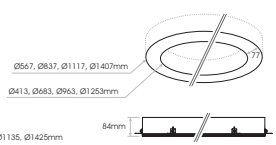
- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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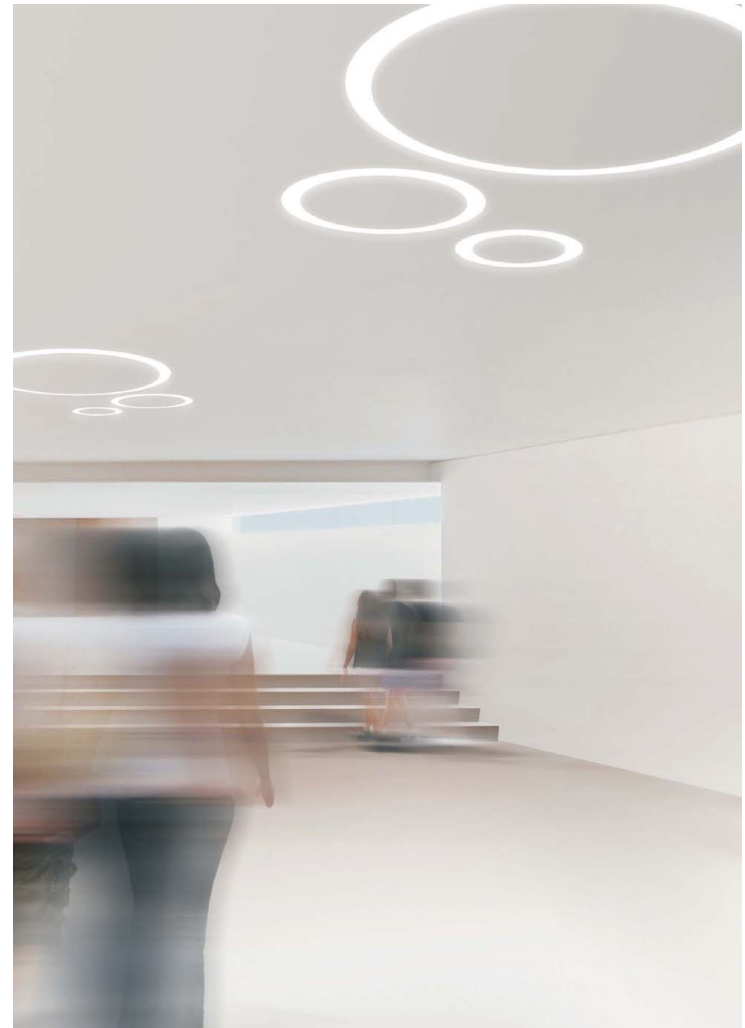
ELECTRON



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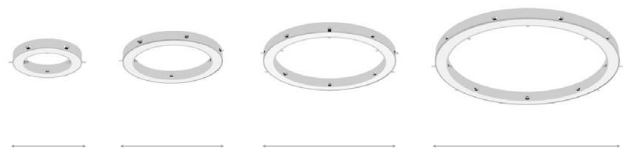
LIGHTSOURCE BY SAMSUNG

IP40

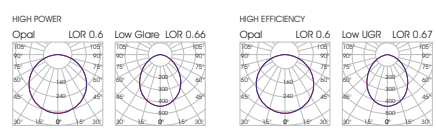
Model	Luminaire Colour	CCT	Watt / Diameter	CRI* *LED Source* 3000K	CRI* *LED Source* 4000K	Type	Voltage	Dimming Option	Extras
ECLIPSE Trimless High Power *(ECLIPSE TR HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	> 80 *(80)*	> 80 *(80)*	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction*** Standard *(0)* Emergency *(1)*
		4000K *(40)*	46.2W / 58cm *(46W058)*	*6910lm*	*7310lm*	Low Glare *(LG)* **		Analogue *(A1)* (1-10V)	
			75W / 85cm *(75W085)*	*11070lm*	*11740lm*			DALI *(DL)*	
			104.5W / 113cm *(105W113)*	*15490lm*	*16390lm*			Wireless *(WL)*	
			134.1W / 142cm *(134W142)*	*19960lm*	*21100lm*				
ECLIPSE Trimless High Efficiency *(ECLIPSE TR HE)*			HIGH EFFICIENCY	> 80 *(80)*	> 80 *(80)*	Opal *(OP)*			
			17.6W / 58cm *(18W058)*	*2940lm*	*3110lm*	Low UGR *(LU)* **			
			26.7W / 85cm *(27W085)*	*4450lm*	*4720lm*				
			37.2W / 113cm *(37W113)*	*6230lm*	*6590lm*				
			47.8W / 142cm *(48W142)*	*8020lm*	*8480lm*				

* Available in CRI90 upon request.
** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE TR HE-WH-30-48W142-80-LU-230-ND-0



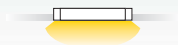
	Ø567mm	Ø837mm	Ø1117mm	Ø1407mm
ECLIPSE Trimless				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs



LOOP TR
(Trimless)

Ceiling Trimless

- LOOP is a complete series of square with rounded corners luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

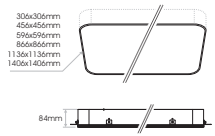


LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



Cutting Hole:
307x307mm
457x457mm
597x597mm
867x867mm
1137x1137mm
1407x1407mm

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour	CCT	Watt / Diameter	CRI* *LED Source*	CRI* *LED Source*	Type	Voltage	Dimming Option	Extras
				> 80 *(80)* **3000K**	> 80 *(80)* **4000K**				
LOOP Trimless High Power *(LOOP TR HP)*	White *(WH)*	3000K *(30)*	HIGH POWER			Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
		4000K *(40)*	17.6W / 30x30cm *(18W3030)*	2660lm	2780lm	Low Glare *(LG)* **		Analogue (1-10V) *(A1)*	Standard *(0)*
			39.5W / 45x45cm *(40W4545)*	5860lm	6160lm			DALI *(DL)*	Emergency *(1)*
			75W / 59x59cm *(75W5959)*	10720lm	11270lm			Wireless *(WL)*	
			153.5W / 86x86cm *(154W8686)*	22150lm	23290lm				
			272.8W / 113x113cm *(273W113113)*	39380lm	41400lm				
			426.3W / 140x140cm *(426W140140)*	61540lm	64700lm				
LOOP Trimless High Efficiency *(LOOP TR HE)*			HIGH EFFICIENCY			Opal *(OP)*			
			6.6W / 30x30cm *(07W3030)*	1130lm	1180lm	Low UGR *(LU)* **			
			13.4W / 45x45cm *(13W4545)*	2250lm	2370lm				
			25.9W / 59x59cm *(26W5959)*	4200lm	4410lm				
			58.3W / 86x86cm *(58W8686)*	9450lm	9930lm				
			103.7W / 113x113cm *(104W113113)*	16790lm	17650lm				
			162W / 140x140cm *(162W140140)*	26230lm	27580lm				

* Available in CRI90 upon request.
** Low Glare (UGR<21.8), Low UGR (UGR<18.6)

Ordering Code Example: LOOP TR HP-WH-30-154W8686-80-LG-230-ND-0

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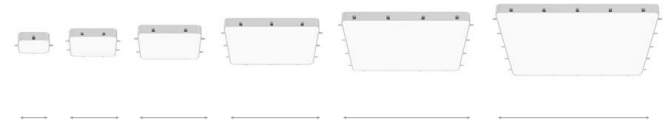
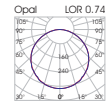
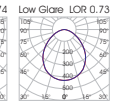


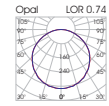
LOOP Trimless						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

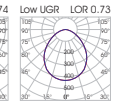
HIGH POWER





HIGH EFFICIENCY

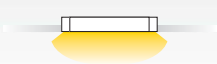




ORBIT TR
(Trimless)

Ceiling Trimless

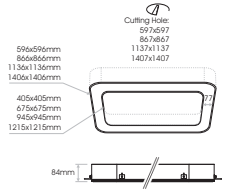
- ORBIT is a complete series of square with rounded corners luminaires available in surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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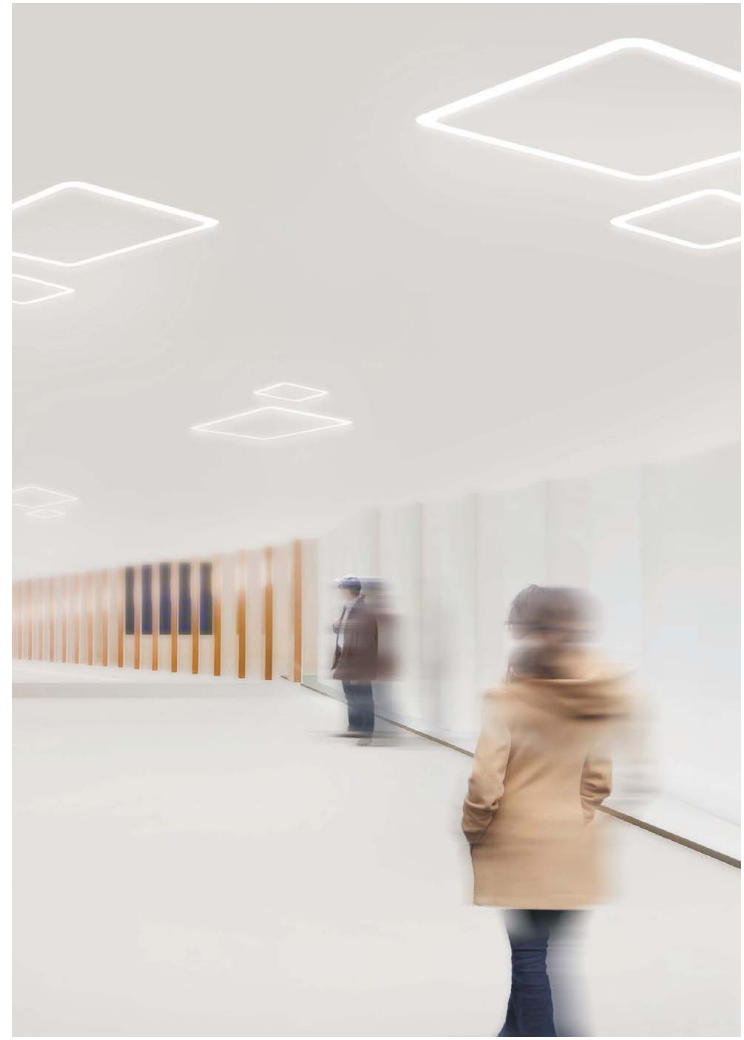

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour	CCT	Watt / Diameter	CRI* LED Source	CRI* LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Trimless High Power *(ORBIT TR HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
		4000K *(40)*	61.6W / 59x59cm *(62W5959)*	*9210lm*	*9750lm*	Low Glare *(LG)* **		Analogue (1-10V) *(A1)*	Standard *(0)*
			93.6W / 86x86cm *(94W8686)*	*14050lm*	*14860lm*			DALI *(DL)*	Emergency *(1)*
			128.7W / 113x113cm *(129W113113)*	*19320lm*	*20430lm*			Wireless *(WL)*	
			163.9W / 140x140cm *(164W140140)*	*24590lm*	*26000lm*				
ORBIT Trimless High Efficiency *(ORBIT TR HE)*			HIGH EFFICIENCY	≥80 *(80)* **3000K**	≥80 *(80)* **4000K**	Opal *(OP)*			
			23.4W / 59x59cm *(23W5959)*	*3920lm*	*4150lm*	Low UGR *(LU)* **			
			32.8W / 86x86cm *(33W8686)*	*5560lm*	*5880lm*				
			45.1W / 113x113cm *(45W113113)*	*7650lm*	*8090lm*				
			57.4W / 140x140cm *(57W140140)*	*9730lm*	*10290lm*				

* Available in CRI90 upon request.
** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: *ORBIT TR HP-WH-30-94W8686-80-LG-230-ND-0*

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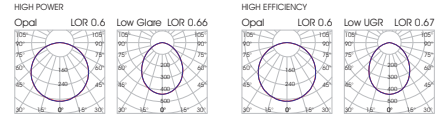
	596x596mm	866x866mm	1136x1136mm	1406x1406mm
ORBIT Trimless				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs



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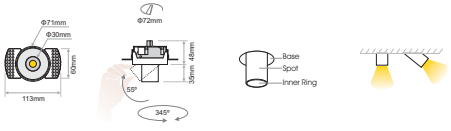
REFORM 30 TR

Ceiling Trimless

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



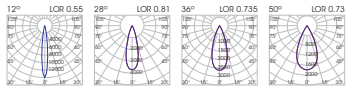
CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)			(XXX)		(XX)
REFORM 30 Trimless (REFORM 30 TR)	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	Base: White (W) Black (B)	Without Driver (00)	Standard (0)
		3000K (30C)	310lm	265lm			Spot: White (W) Black (B)	Non Dimmable (ND)	Honeycomb (1)
		4000K (40C)	330lm	290lm			Inner Ring: White (W) Black (B)	Analogue (1-10V) (A1)	Softening lens (2)
		5000K (50C)	360lm	310lm				DMX (DX)	
	5.8W (6)	2700K (27C)	615lm	500lm				DALI (DL)	Extras: No Extras (0)
		3000K (30C)	615lm	530lm				Push Button (PB)	Emergency (1)
		4000K (40C)	665lm	575lm				Phase Cut (PC)	
		5000K (50C)	715lm	615lm				Wireless ** (WL)	
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm	36° (36)				
		4000K (40C)	428lm	369lm	50° (50)				
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

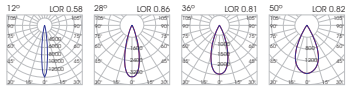
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFORM 30 TR-3-40C-80-36-AD-WWB-00-00*

Inner ring colour:
BLACK



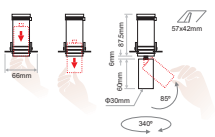
Inner ring colour:
WHITE

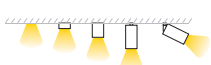


REFORM 30 IN-OUT TR

Ceiling Trimless

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3 watt and 6 watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Trimless luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).
- Constant current 350mA @3W / 700mA @ 6.3W.





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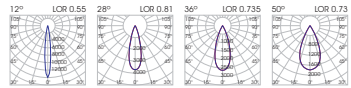
CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 30 IN-OUT Trimless (REFORM 30 IO TR)	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	*Base* White (W) Black (B) *Spot* White (W) Black (B) *Inner Ring* White (W) Black (B)	Without Driver (00)	Standard (0) Honeycomb (1) Softening lens (2) *Extras* No Extras (0) Emergency (1)
		3000K (30C)	310lm	265lm					
		4000K (40C)	330lm	290lm					
		5000K (50C)	360lm	310lm					
	5.8W (6)	2700K (27C)	615lm	500lm					
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
		5000K (50C)	715lm	615lm					
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm	36° (36)				
		4000K (40C)	428lm	369lm	50° (50)				
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

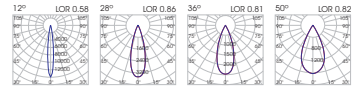
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

Ordering Code Example: *REFORM 30 IO TR-3-40C-80-36-AD-WWB-00-10*

Inner ring colour:
BLACK



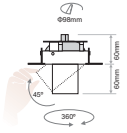
Inner ring colour:
WHITE

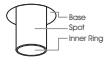


REFORM 52 TR

Ceiling Trimless

- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).





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CREE LEDs

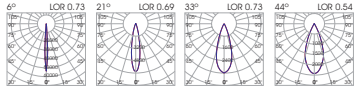
Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
REFORM 52 Trimless (REFORM 52 TR)	**8.2W** (8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	(XXX) **Base** White (W) Black (B) **Spot** White (W) Black (B) ***Inner Ring*** White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	(XX) Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3) ***EXTRAS*** No Extras (0) Emergency (1)
		3000K (30C)	779lm	673lm					
		4000K (40C)	841lm	726lm					
		5000K (50C)	903lm	779lm					
	12W (12)	2700K (27C)	1590lm	1380lm	21° (21)				
		3000K (30C)	1710lm	1485lm	33° (33)				
		4000K (40C)	1830lm	1590lm	44° (44)				
		5000K (50C)	1710lm	1590lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

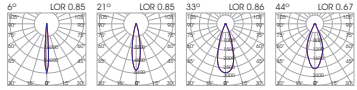
Ordering Code Example: REFORM 52 TR-12-40C-80-33-AD-WWB-00-01

Honeycomb Line spread lens Softening lens

Inner ring colour:
BLACK



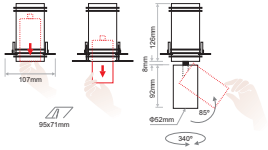
Inner ring colour:
WHITE



REFORM 52 IN-OUT TR

Ceiling Trimless

- Reform 52 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 8.2 watt and 12 watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Trimless luminaire cutout.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).
- Constant current 350mA @8.2W / 700mA @ 12W.



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ELECTRON

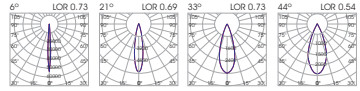
CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 52 IN-OUT Trimless (REFORM 52 IO TR)	**8.2W** (8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	**Base** White (W) Black (B) **Spot** White (W) Black (B) **Inner Ring** White (W) Black (B)	Without Driver (00)	Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3) **EXTRAS** No Extras (0) Emergency (1)
		3000K (30C)	779lm	673lm					
		4000K (40C)	841lm	726lm					
		5000K (50C)	903lm	779lm					
	12W (12)	2700K (27C)	1590lm	1380lm	21° (21)				
		3000K (30C)	1710lm	1485lm	33° (33)				
		4000K (40C)	1830lm	1590lm	44° (44)				
		5000K (50C)	1710lm	1590lm					

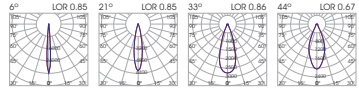
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

Ordering Code Example:
REFORM 52 IO TR-12-40C-80-33-AD-WWB-00-01

Inner ring colour:
BLACK



Inner ring colour:
WHITE



HIDE TR Series

Ceiling Trimless

- HIDE is a series of downlights available either recessed or trimless.
- It is available either round or square.
- It is adjustable and rotatable.
- It is offered in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- HIDE DEEP version is also available GU10 for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

HIDE

TR Round

TR Square

TR Square Double

DEEP TR Round

DEEP TR Square

DEEP TR Square Double

HIDE MINI

TR Round

TR Square

DEEP TR Round

DEEP TR Square

HIDE

CREE LEDs — LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13

LIGHTSOURCE BY bridgelux — WD6,WD12,TW6,TW12

IP20 IP54

Name	Shape	Model / Watt per LED	CCT	CRI80, CRI90 / LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
				80 (80) 90 (90)		(XXX)		(XXX)
HIDE TR (HIDE TR)	Round (RD)	**Low Depth 7W** (LD7)	2700K (27C)	930lm 762lm	30° (30)	**OUTER**	Without Driver (00)	**COVER**
HIDE TR DEEP (HIDE TR DEEP)	Square (SQ)		3000K (30C)	960lm 792lm	**DEEP**** 27° (27)	White (W) Black (B)	Non Dimmable (ND)	Standard (000)
	Square Double* (SQD)		4000K (40C)	1020lm 840lm		**INNER**	Analogue (1-10V) (A1)	Honeycomb (1XX)
			5000K (50C)	1020lm 840lm		White (W) Black (B)	DMX (DX)	Linear Spread (2XX)
		Standard 6.2W (ST6)	2700K (27C)	704lm 568lm	19° (19)	**DEEP**	DALI (DL)	Softening Lens (3XX)
			3000K (30C)	713lm 608lm	35° (35)	Without (N) White (W) Black (B)	Push Button (PB)	**IP RATE**
			4000K (40C)	760lm 656lm	50° (50)		Phase Cut (PC)	IP20 (XD1)
			5000K (50C)	736lm 704lm	**DEEP**** 17° (17) 30° (30) 45° (45)		Wireless*** (WL)	IP54 (XX1)
		Standard 12.2W (ST12)	2700K (27C)	1590lm 1380lm				**EXTRAS**
			3000K (30C)	1710lm 1485lm				No Extras (XX0)
			4000K (40C)	1830lm 1590lm				Emergency Kit (XX1)
			5000K (50C)	1710lm 1590lm				
		Standard 18W (ST18)	2700K (27C)	2067lm 1794lm				
			3000K (30C)	2223lm 1931lm				
			4000K (40C)	2379lm 2067lm				
			5000K (50C)	2223lm 2067lm				
		Narrow Beam 6W (NB6)	2700K (27C)	616lm 497lm	9° (09)			
			3000K (30C)	616lm 532lm				
			4000K (40C)	665lm 574lm				
			5000K (50C)	714lm 616lm				
		Narrow Beam 8W (NB8)	2700K (27C)	792lm 639lm				
			3000K (30C)	792lm 684lm				
			4000K (40C)	855lm 738lm				
			5000K (50C)	918lm 792lm				
		Zoom 6.4W (ZM6)	2700K (27C)	704lm 568lm	22°–50° (2250)			
			3000K (30C)	713lm 608lm				
			4000K (40C)	760lm 656lm				
			5000K (50C)	736lm 704lm				
		Zoom 13W (ZM13)	2700K (27C)	1306lm 1098lm				
			3000K (30C)	1360lm 1150lm				
			4000K (40C)	1435lm 1236lm				
			5000K (50C)	1453lm 1236lm				
				90 (90) 95 (95)				
		Warm Dimming 0.2–6W (WD6)	1800K–3000K (1830B)	636lm 518lm	19° (19) 35° (35) 50° (50) **DEEP**** 17° (17) 30° (30) 45° (45)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)	
		Warm Dimming 12W (WD12)	1800K–3000K (1830B)	1246lm 1045lm				
		Tunable White 5.9W (TW6)	2700K–5000K (2750B)	585lm (both CCTs driven)			DALI (DL) Wireless*** (WL)	
		Tunable White 11.5W (TW12)	2700K–5000K (2750B)	987lm (both CCTs driven)				

ACR.056 Honeycomb (as extra) — ACR.057 Linear Spread (as extra) — ACR.059 Softening Lens (as extra)

Outer / Inner / Deep

*HIDE Square Double option example: HIDE RC SQD-ST6-30C-35-WWW-00-000 will be with 2pcs from ST6 modules.
** Beam angle only for DEEP version.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HIDE TR-RD-ST18-30C-80-35-WWW-DL-100

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HIDE MINI

CREE LEDs — IP20 IP54

Name	Shape	Model	CCT	CRI80, CRI90 / LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
				80 (80) 90 (90)		(XXX)		(XXX)
HIDE MINI TR (HIDE MINI TR)	Round (RD)	**Standard 3W** (ST3)	2700K (27C)	396lm 320lm	27° (27)	**OUTER**	Without Driver (00)	**COVER**
HIDE MINI TR DEEP (HIDE MINI TR DEEP)	Square (SQ)		3000K (30C)	396lm 342lm	35° (35)	White (W) Black (B)	Non Dimmable (ND)	Standard (000)
			4000K (40C)	428lm 369lm	47° (47)	**INNER**	Analogue (1-10V) (A1)	Honeycomb (1XX)
			5000K (50C)	428lm 396lm	**DEEP*** 25° (25) 30° (30) 38° (38)	White (W) Black (B)	DMX (DX)	Linear Spread (2XX)
		Standard 4.3W (ST4)	2700K (27C)	528lm 426lm		**DEEP**	DALI (DL)	Softening Lens (3XX)
			3000K (30C)	528lm 456lm		Without (N) White (W) Black (B)	Push Button (PB)	**IP RATE**
			4000K (40C)	570lm 492lm			Phase Cut (PC)	IP20 (XD1)
			5000K (50C)	570lm 528lm			Wireless*** (WL)	IP54 (XX1)
		Narrow Beam 4W (NB4)	2700K (27C)	440lm 380lm	13° (13)			**EXTRAS**
			3000K (30C)	475lm 410lm				No Extras (XX0)
			4000K (40C)	510lm 410lm				Emergency Kit (XX1)
			5000K (50C)	510lm 440lm				

*Beam angle only for DEEP version
** Inner Case applicable only for DEEP versions.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

ACR.067 Honeycomb (as extra) — ACR.066 Linear Spread (as extra) — ACR.065 Softening Lens (as extra)

Outer / Inner / Deep

Ordering Code Example:
HIDE MINI TR DEEP-RD-ST4-30C-80-38-WWW-DL-100

HIDE DEEP LL

IP20 IP54

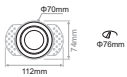
Lamp Not included

Model	Shape	Luminaire Colour	Lamp Holder	Accessories
HIDE TR DEEP LL (HIDE TR DEEP LL)	Round (RD) Square (SQ) Square Double (SQD)	(XXX) **OUTER** White (W) Black (B) **INNER** White (W) Black (B) **DEEP** White (W) Black (B)	GU10 (max 7.5W) (G1)	(XX) **COVER** Standard (01) Honeycomb (1/1) Linear Spread (2/1) Softening Lens (3/1) **IP RATE** IP20 (10) IP54 (11)

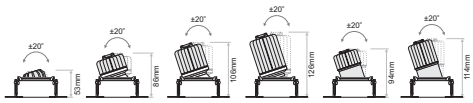
Ordering Code Example:
HIDE TR DEEP LL-RD-WWW-G1-10

ACR.056 Honeycomb (as extra) — ACR.057 Linear Spread (as extra) — ACR.059 Softening Lens (as extra)

HIDE



HIDE TR Round



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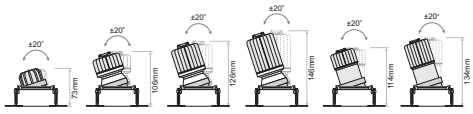
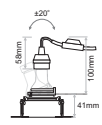
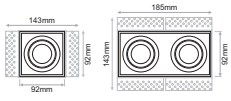
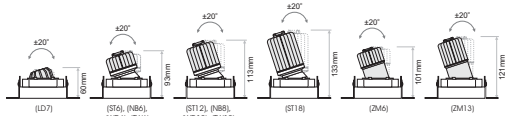






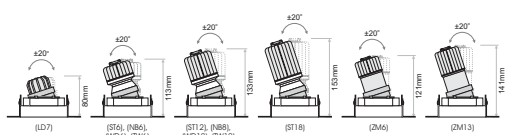
HIDE TR Square

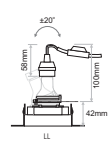
HIDE TR Square Double



HIDE DEEP TR Square

HIDE DEEP TR Square Double





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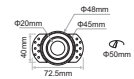
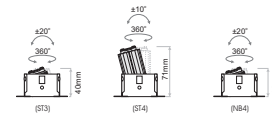
HIDE MINI



HIDE MINI TR Round



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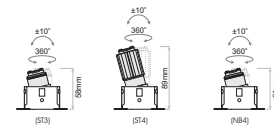

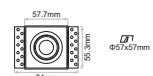

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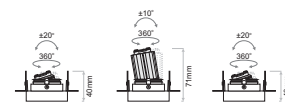

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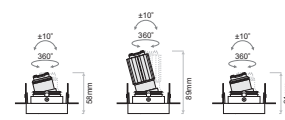

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HIDE

LD7

HIDE WH

30° LOR 0.64

HIDE DEEP WH

27° LOR 0.50

ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

HIDE WH

19° LOR 0.76

35° LOR 0.82

50° LOR 0.79

HIDE DEEP BL

17° LOR 0.58

30° LOR 0.55

45° LOR 0.65

NB6/ NB8

HIDE WH

9° LOR 0.78

HIDE DEEP WH

9° LOR 0.71

ZM6/ ZM13

HIDE WH

22° LOR 0.60

50° LOR 0.58

HIDE DEEP WH

22° LOR 0.51

50° LOR 0.50

HIDE MINI

ST3 / ST4

HIDE WH

27° LOR 0.81

35° LOR 0.79

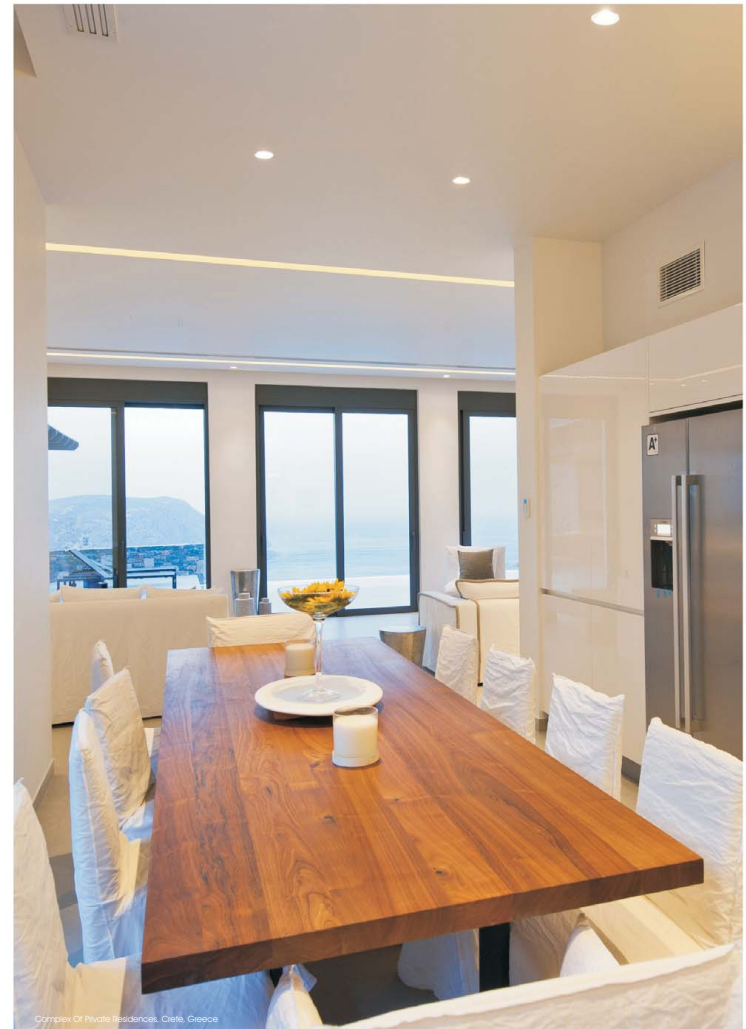
47° LOR 0.74

HIDE DEEP BL

25° LOR 0.57

30° LOR 0.61

38° LOR 0.52



Complex Of Private Residences, Crete, Greece

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WHISPER TR Series

Ceiling Trimless

- Whisper is a high aesthetically downlight.
- It is offered either recessed or trimless.
- It is available either round or square.
- WHISPER DEEP version is also available for GU10 LED lamps.
- Luminaire outer trim material: aluminium.
- 3 SDCM
- L90B10 50000h
- Low UGR ensuring visual comfort (UGR<15).
- Selection of IP protection: either IP20 or IP54 (face only).

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CREE LEDs *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13*

LIGHTSOURCE BY bridgelux. *WD6,WD12,TW6,TW12*

IP20 IP54

Name	Shape*	Model	CCT	CRI80, CRI90 LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories
				80 *(80)* 90 *(90)*				
WHISPER TR *(WHISPER TR)*	Round *(RD)* Square *(SQ)*	**Low Depth 7W** *(LD7)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	930lm 762lm 960lm 792lm 1020lm 840lm 1020lm 840lm	30° *(30)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless** *(WL)*	*(XXX)* ***COVER*** Standard *(0XX)* Honeycomb *(1XX)* Linear Spread *(2XX)* Softening Lens *(3XX)* ***IP RATE*** IP20 *(X0X)* IP54 *(X1X)* ***EXTRAS*** No Extras *(XX0)* Emergency Kit *(XX1)*
		Standard 6.2W *(ST6)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	704lm 568lm 713lm 608lm 760lm 656lm 736lm 704lm	18° *(18)* 37° *(37)* 52° *(52)*			
		Standard 12.2W *(ST12)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	1590lm 1380lm 1710lm 1485lm 1830lm 1590lm 1710lm 1590lm				
		Standard 18W *(ST18)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	2067lm 1794lm 2223lm 1931lm 2379lm 2067lm 2223lm 2067lm				
		Narrow Beam 6W *(NB6)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	616lm 497lm 616lm 532lm 665lm 574lm 714lm 616lm	9° *(09)*			
		Narrow Beam 8W *(NB8)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	792lm 639lm 792lm 684lm 855lm 738lm 918lm 792lm				
		Zoom 6.4W *(ZM6)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	704lm 568lm 713lm 608lm 760lm 656lm 736lm 704lm	22°–50° *(2250)*			
		Zoom 13W *(ZM13)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)* 5000K *(50C)*	1306lm 1098lm 1360lm 1150lm 1435lm 1236lm 1453lm 1236lm				
				90 *(90)* 95 *(95)*				
		Warm Dimming 0.2–6W *(WD6)*	1800K–3000K *(1830B)*	636lm 518lm	18° *(18)* 37° *(37)* 52° *(52)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless** *(WL)*	
		Warm Dimming 12W *(WD12)*	1800K–3000K *(1830B)*	1246lm 1045lm				
		Tunable White 5.9W *(TW6)*	2700K–5000K *(2750B)*	585lm (both CCT's driven)			DALI *(DL)* Wireless** *(WL)*	
		Tunable White 11.5W *(TW12)*	2700K–5000K *(2750B)*	987lm (both CCT's driven)				

ACR.056 Honeycomb (as extra)

ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

* WHISPER ADJ only available in round shape
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: WHISPER TR-RD-ST18-30C-80-37-WH-DL-100

WHISPER DEEP LL

IP20 | IP54

Model	Shape	Luminaire Colour:	Lamp Holder	Accessories
WHISPER TR DEEP LL *(WHISPER TR DEEP LL)*	Round *(RD)* Square *(SQ)*	White *(WH)* Black *(BL)*	GU10 (max 7.5W) (G1)	*(XX)* **COVER** Standard *(0X)* Honeycomb *(1X)* Linear Spread *(2X)* Softening Lens *(3X)* ***IP RATE*** IP20 *(X0)* IP54 *(X1)*

Lamp
Not Included

Ordering Code Example:
WHISPER TR DEEP LL-RD-WW-G1-10

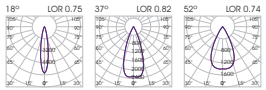
ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

LD7
WHISPER RD BL

30° LOR 0.60

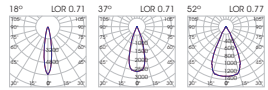
ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12
WHISPER RD BL

18° LOR 0.75 37° LOR 0.82 52° LOR 0.74



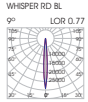
WHISPER SQ BL

18° LOR 0.71 37° LOR 0.71 52° LOR 0.77



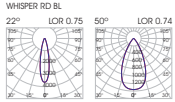
NB6/ NB8
WHISPER RD BL

9° LOR 0.77



ZM6/ ZM13
WHISPER RD BL

22° LOR 0.75 50° LOR 0.74



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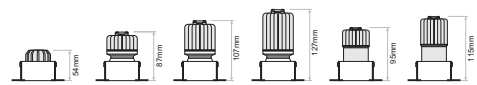
Ceiling Trimless

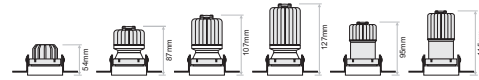
WHISPER TR Series

WHISPER TR Round

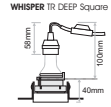


WHISPER TR DEEP Round

WHISPER TR Square



WHISPER TR DEEP Square



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CRUSH TR Series

Ceiling Trimless

- Crush is a downlight available either recessed or trimless.
- It is available in square or round form.
- Power consumption: varies from 6 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- CRUSH is also available for GU10 LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15).
- Selection of IP protection: either IP20 or IP54 (face only).

TR

TR Double

RD

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ELECTRON

CRUSH

CREE LEDs — *LD7,ST6,ST12,ST18,NB6,NB8,ZM6,ZM13*

LIGHTSOURCE BY bridgelux — *WD6,WD12,TW6,TW12*

IP20 | IP54

Name	Model / Watt per LED	CCT	CRI80, CRI90 / LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
			80 *(80)* 90 *(90)*				
CRUSH TR *(CRUSH TR)* **CRUSH TR Double*** *(CRUSH TR DB)* **CRUSH TR Round** *(CRUSH TR RD)*	**Low Depth 7W** *(LD7)*	2700K *(27C)*	930lm 762lm	30° *(30)*	White *(WH)* Black *(BL)*	Without Driver *(00)* Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DMX *(DX)* DALI *(DL)* Push Button *(PB)* Phase Cut *(PC)* Wireless** *(WL)*	*(XXX)* ***COVER*** Standard *(0XX)* Honeycomb *(1XX)* Linear Spread *(2XX)* Softening Lens *(3XX)* ***IP RATE*** IP20 *(X0X)* IP54 *(X1X)* ***EXTRAS*** No Extras *(XX0)* Emergency Kit *(XX1)*
		3000K *(30C)*	960lm 792lm				
		4000K *(40C)*	1020lm 840lm				
		5000K *(50C)*	1020lm 840lm				
	Standard 6.2W *(ST6)*	2700K *(27C)*	704lm 568lm	19° *(19)*			
		3000K *(30C)*	713lm 608lm	35° *(35)*			
		4000K *(40C)*	760lm 656lm	50° *(50)*			
		5000K *(50C)*	736lm 704lm				
	Standard 12.2W *(ST12)*	2700K *(27C)*	1590lm 1380lm				
		3000K *(30C)*	1710lm 1485lm				
		4000K *(40C)*	1830lm 1590lm				
		5000K *(50C)*	1710lm 1590lm				
	Standard 18W *(ST18)*	2700K *(27C)*	2067lm 1794lm				
		3000K *(30C)*	2223lm 1931lm				
		4000K *(40C)*	2379lm 2067lm				
		5000K *(50C)*	2223lm 2067lm				
	Narrow Beam 6W *(NB6)*	2700K *(27C)*	616lm 497lm	9° *(09)*			
		3000K *(30C)*	616lm 532lm				
		4000K *(40C)*	665lm 574lm				
		5000K *(50C)*	714lm 616lm				
	Narrow Beam 8W *(NB8)*	2700K *(27C)*	792lm 639lm				
		3000K *(30C)*	792lm 684lm				
		4000K *(40C)*	855lm 738lm				
		5000K *(50C)*	918lm 792lm				
	Zoom 6.4W *(ZM6)*	2700K *(27C)*	704lm 568lm	22°–50° *(2250)*			
		3000K *(30C)*	713lm 608lm				
		4000K *(40C)*	760lm 656lm				
		5000K *(50C)*	736lm 704lm				
	Zoom 13W *(ZM13)*	2700K *(27C)*	1306lm 1098lm				
		3000K *(30C)*	1360lm 1150lm				
		4000K *(40C)*	1435lm 1236lm				
		5000K *(50C)*	1453lm 1236lm				
			90 *(90)* 95 *(95)*				
	Warm Dimming 0.2~6W *(WD6)*	1800K~3000K *(1830B)*	636lm 518lm	19° *(19)* 35° *(35)* 50° *(50)*		Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless** *(WL)*	
	Warm Dimming 12W *(WD12)*	1800K~3000K *(1830B)*	1246lm 1045lm				
	Tunable White 5.9W *(TW6)*	2700K~5000K *(2750B)*	585lm (both CCTs driven)			DALI *(DL)* Wireless** *(WL)*	
	Tunable White 11.5W *(TW12)*	2700K~5000K *(2750B)*	987lm (both CCTs driven)				

ACR.056 Honeycomb (as extra)

ACR.057 Linear Spread (as extra)

ACR.059 Softening Lens (as extra)

*CRUCH TR Double option example: CRUSH TR DB-ST12-30C-35-WH-00-000 will be with 2pcs from ST12 modules.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CRUSH TR-ST18-30C-80-50-WH-DL-100

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CRUSH LL

IP20 IP54

Model	Luminaire Colour:	Lamp Holder	Accessories
CRUSH TR LL *(CRUSH TR LL)*	White/White *(WW)*	GU10 (max 7.5W) (G1)	*(XX)*
CRUSH TR Double LL *(CRUSH TR DB LL)*	White/Black *(WB)*		**COVER**
CRUSH TR Round LL *(CRUSH TR RD LL)*	Black/Black *(BB)*		Standard *(0-)*
	Black/White *(BW)*		Honeycomb *(1-)*
			Linear Spread *(2-)*
			Softening Lens *(3-)*
			IP RATE
			IP20 *(-0)*
			IP54 *(-1)*

Lamp
Not included

Ordering Code Example:
CRUSH TR LL-WW-G1-10

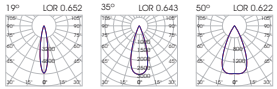
ACR.056 Honeycomb (as extra)
ACR.057 Linear Spread (as extra)
ACR.059 Softening Lens (as extra)

LD7

30° LOR 0,53

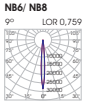
ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12

19° LOR 0.652 35° LOR 0.643 50° LOR 0.622



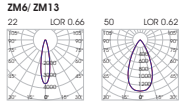
NB6/ NB8

9° LOR 0,759

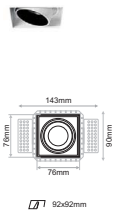


ZM6/ ZM13

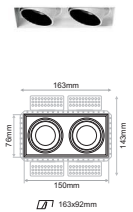
22 LOR 0.66 50 LOR 0.62



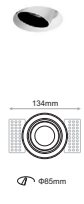
CRUSH TR

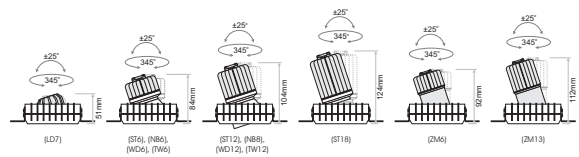


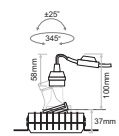
CRUSH TR Double



CRUSH TR RD







Retrofit

POLAR TR

Ceiling Trimless

- Polar is a miniaturized downlight available either trimless or recessed.
- It is ideal in spaces with low depth ceiling due to its special design.
- It has a low UGR ensuring visual comfort (UGR<16).
- It is available in round (8.2W, 12W, 18W) or square (8.2W).
- Body material: aluminium.
- Trimless outer base: PC.
- 3 SDCM
- L90/B10 50.000h
- Selection of IP protection: either IP40 or IP44.

8.2W

12W

18W

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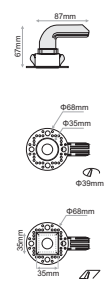
CREE LEDs | IP40 | IP44

Model	LED Power	Type	IP Protection	CCT	CRI80, CRI90 LED Source		Beam Angle	Type	Colour	Dimming Option	Extras
					80 (80)	90 (90)					
POLAR Trimless (POLAR TR)	**8.2W** (8)	Round (RD)	IP40 (40)	2700K (27C)	792lm	639lm	12° (VN)	Fixed (FX)	White (WH)	Without Driver (00)	
				3000K (30C)	792lm	684lm	16° (NR)		Black (BL)	Non Dimmable (ND)	
		Square (SQ)	IP44 (44)	3500K (35C)	855lm	684lm	20° (MD)			Phase Cut (PC)	
				4000K (40C)	855lm	738lm	30° (WD)			24V PWM Dimmable (24V)	
				5000K (50C)	918lm	792lm	44° (VW)			48V PWM Dimmable (48V)	
	12W (12)	Round (RD)		2700K (27C)	1590lm	1380lm	18° (MD)			Without Driver (00)	Standard (00)
				3000K (30C)	1710lm	1485lm	30° (WD)			Non Dimmable (ND)	Honeycomb (01)
				4000K (40C)	1830lm	1590lm	50° (VW)			Analogue (1-10V) (A1)	
				5000K (50C)	1710lm	1590lm				DMX (DX)	
										DALI (DL)	
	18W (18)			2700K (27C)	2065lm	1795lm				Push Button (PB)	
				3000K (30C)	2225lm	1930lm				Phase Cut (PC)	
				4000K (40C)	2380lm	2065lm				Wireless* (WL)	
				5000K (50C)	2225lm	2065lm				48V PWM Dimmable (48V)	

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *POLAR TR-8-RD-44-30C-80-NR-FX-WH-00*

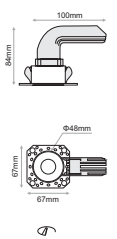
8.2W



IDC.022
Trimless base for round version

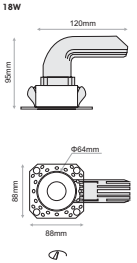
IDC.025
Trimless base for square version

12W

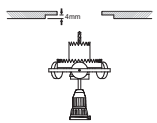


IDC.215
Trimless base

18W



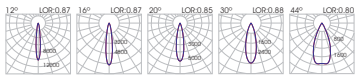
IDC.216
Trimless base



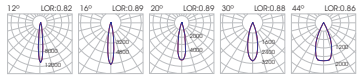
ACR.061
Tool for POLAR Trimless

8.2W

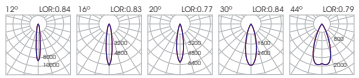
Round White



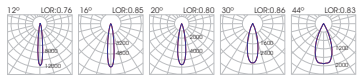
Square White



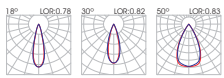
Round Black



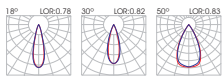
Square Black

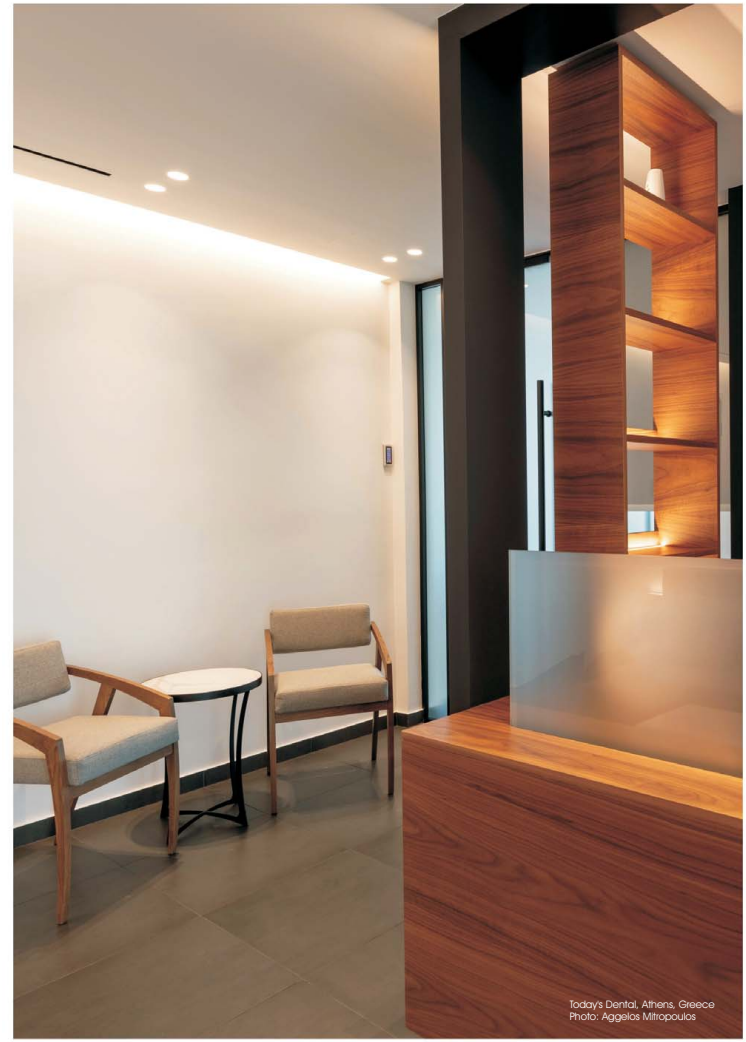


12W



18W





Today's Dental, Athens, Greece
Photo: Aggelos Mitropoulos

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LIMIT TR IP67/IP66

Ceiling Trimless

- LIMIT 67/66 is an elegant waterproof trimless or recessed downlight available in 3 different sizes.
- Most models may also be 9/12mm lowered from the ceiling offering a special note to any space.
- The series offers low UGR ensuring visual comfort.
- Available in either black or white colour.
- It offers a selection of dimming options.
- 3 SDCM
- L90/B10 50.000h
- IP Protection: IP67/IP66

6.4W 8.8W 12.8W

position 1

position 2

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ELECTRON

LIGHTSOURCE BY bridgelux

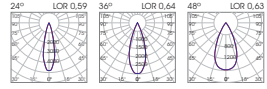
IP67/IP66

Model	LED Power	CCT*	CRI80, CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
			80 (80) 90 (90)					
LIMIT TR (LIMIT TR)	**6.4W** (06)	2700K (278)	793lm 655lm	24° (24)	Fixed (FX)	White (WH)	Without Driver (00)	No Extras (0)
		3000K (308)	843lm 684lm	36° (36)		Black (BL)	Non Dimmable (ND)	Emergency (1)
		4000K (408)	867lm 724lm	48° (48)			Analogue (1-10V) (A1)	Honeycomb (2)
		5000K (508)	878lm 759lm				DMX (DX)	
							DALI (DL)	
	8.8W (09)	2700K (278)	1204lm 993lm	17° (17)			Push Button (PB)	
		3000K (308)	1279lm 1038lm	24° (24)			Phase Cut (PC)	
		4000K (408)	1316lm 1098lm	36° (36)			Wireless** (WL)	
		5000K (508)	1331lm 1151lm	60° (60)				
	12.8W (13)	2700K (278)	1678lm 1384lm					
		3000K (308)	1783lm 1447lm					
		4000K (408)	1835lm 1531lm					
		5000K (508)	1857lm 1605lm					

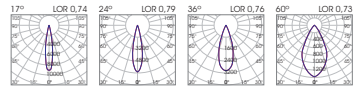
* Models with CCTs of 3500K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMIT TR-09-40B-90-60-FX-WH-DL-0

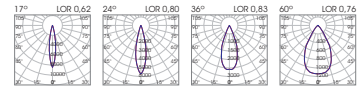
6.4W



8.8W



12.8W



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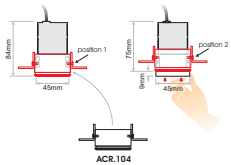
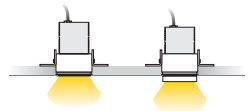
6.4W





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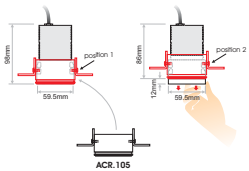
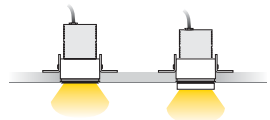
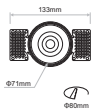
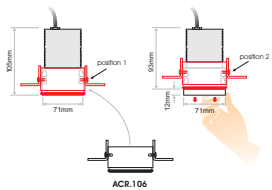
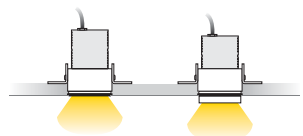




12.8W







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LIMIT TR IP20/IP44

- LIMIT 20/44 is an elegant trimless or recessed downlight available in different sizes.
- Most models may also be 9/12mm lowered from the ceiling offering a special note to any space.
- Limit TR is also available adjustable in 8.7Watt or 12.6Watt.
- The series offers low UGR ensuring visual comfort.
- It is available in either black or white colour.
- It offers a selection of dimming options.
- 3 SDCM
- L90/B10 50.000h
- IP Protection: IP20 or IP44 (face only).

4.7W & 6.9W

6.4W

8.8W

12.8W & 17W

12.6W Adjustable

position 1

position 2

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LIGHTSOURCE BY bridgelux

IP20 IP44

Model	LED Power	CCT**	CRI80, CRI90 LED Source 80 (80)	90 (90)	Beam Angle	Type	Colour	Dimming Option	Accessories
LIMIT TR IP20 *(LIMIT TR20)* **LIMIT TR IP44*** *(LIMIT TR44)*	**4.7W** *(05)*	2700K *(27)*	480lm	395lm	18° *(18)*	Fixed *(FX)*	White *(WH)*	Without Driver*** *(00)*	No Extras *(0)*
		3000K *(30)*	510lm	415lm	24° *(24)*		Black *(BL)*		Emergency *(1)*
		4000K *(40)*	525lm	435lm	30° *(30)*				
	6.9W *(07)*	2700K *(27)*	645lm	535lm	38° *(38)*				
		3000K *(30)*	690lm	560lm					
		4000K *(40)*	710lm	590lm					
	6.4W *(06)*	2700K *(27)*	793lm	655lm	19° *(19)*			Without Driver *(00)*	
		3000K *(30)*	843lm	684lm	25° *(25)*			Non Dimmable *(ND)*	
		4000K *(40)*	867lm	724lm	36° *(36)*			Analogue (1-10V) *(A1)*	
		5000K *(50)*	878lm	759lm	45° *(45)*			DMX *(DX)*	
								DALI *(DL)*	
	8.8W *(09)*	2700K *(27)*	1204lm	993lm				Push Button *(PB)*	
		3000K *(30)*	1279lm	1038lm				Phase Cut *(PC)*	
		4000K *(40)*	1316lm	1098lm				Wireless**** *(WL)*	
		5000K *(50)*	1331lm	1151lm					
	12.8W *(13)*	2700K *(27)*	1770lm	1460lm	19° *(19)*				
		3000K *(30)*	1880lm	1525lm	25° *(25)*				
		4000K *(40)*	1935lm	1615lm	36° *(36)*				
		5000K *(50)*	1955lm	1690lm	55° *(55)*				
	17W *(17)*	2700K *(27)*	2525lm	2080lm					
		3000K *(30)*	2680lm	2180lm					
		4000K *(40)*	2760lm	2300lm					
		5000K *(50)*	2790lm	2415lm					
LIMIT TR IP44* Adjustable *(LIMIT TR44A)*	**8.7W** *(09)*	2700K *(27)*	1235lm	1020lm	18° *(18)*	Adjustable *(AD)*		Non Dimmable *(ND)*	
		3000K *(30)*	1314lm	1065lm	30° *(30)*			Analogue (1-10V) *(A1)*	
		4000K *(40)*	1355lm	1130lm	50° *(50)*			DMX *(DX)*	
		5000K *(50)*	1370lm	1180lm				DALI *(DL)*	
	12.6W *(13)*	2700K *(27)*	1650lm	1360lm				Push Button *(PB)*	
		3000K *(30)*	1750lm	1420lm				Phase Cut *(PC)*	
		4000K *(40)*	1805lm	1505lm				Wireless**** *(WL)*	
		5000K *(50)*	1825lm	1580lm					

* IP44: face only

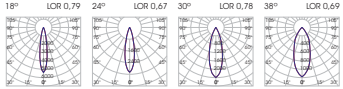
** Models with CCTs of 3500K & 6500K are available upon request.

*** Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Trimless luminaire cutout.

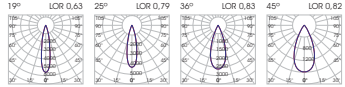
**** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMIT TR20-09-408-90-45-FX-WH-DL-0

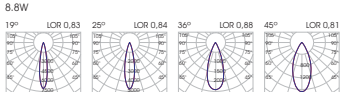
4.7W / 6.9W



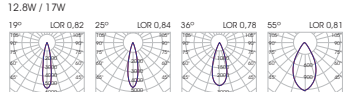
6.4W



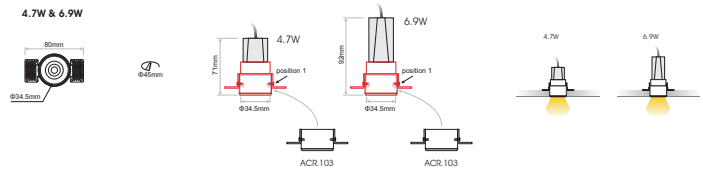
8.8W



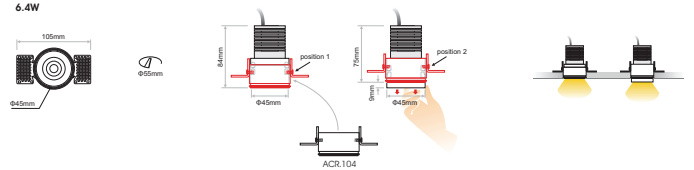
12.8W / 17W



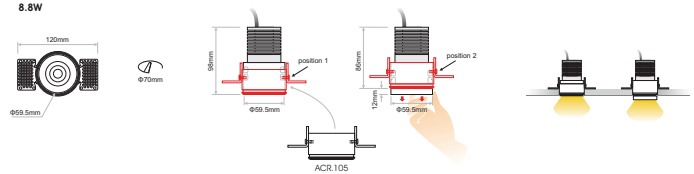
4.7W & 6.9W



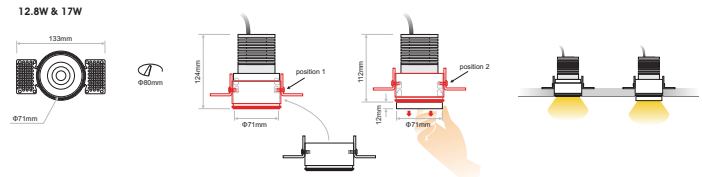
6.4W



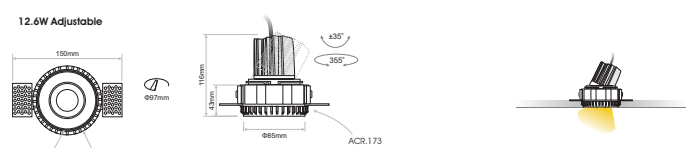
8.8W



12.8W & 17W



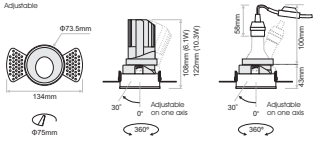
12.6W Adjustable

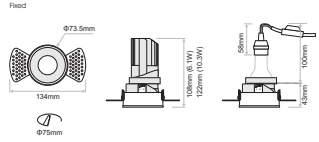


FOCUS TR

Ceiling Trimless

- Focus is a series of trimless downlights.
- Offered with IP44 LED module or with GU10 lampholder (max 7.5 Watt).
- Available either fixed or adjustable.
- Inner part availbale in white, black, gold or silver colour.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<10).





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ELECTRON

LIGHTSOURCE BY bridgelux

Name	Model (LED Power)	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Colour	Dimming Option	Accessories
			80 *(80)*	90 *(90)*					
FOCUS Trimless *(FOCUS TR)*	**6.1W** *(6)*	2700K *(27B)*	*812lm*	*677lm*	18° *(18)*	Adjustable *(AD)*	White *(WH)*	Without Driver *(00)*	No Extra *(00)*
		3000K *(30B)*	*845lm*	*705lm*	24° *(24)*	Fixed *(FX)*	Black *(BL)*	Non Dimmable *(ND)*	Emergency Kit *(01)*
		4000K *(40B)*	*879lm*	*733lm*	32° *(32)*		Gold *(GL)*	Analogue (1-10V) *(A1)*	
					48° *(48)*		Silver *(SL)*	DMX *(DX)*	
	10.3W *(10)*	2700K *(27B)*	*1379lm*	*1138lm*				DALI *(DL)*	
		3000K *(30B)*	*1435lm*	*1180lm*				Push Button *(PB)*	
		4000K *(40B)*	*1479lm*	*1265lm*				Phase Cut *(PC)*	
								Wireless*** *(WL)*	
			95 *(95)*						
	Warm Dimming 6.1W *(WD)*	1800K-3000K *(1830B)*	*518lm*					Analogue (1-10V) *(A1)*	
								DALI *(DL)*	
								Phase Cut *(PC)*	
								Wireless*** *(WL)*	

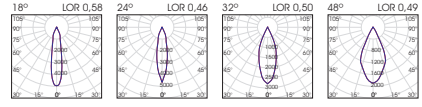
* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

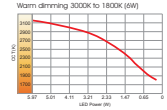
Ordering Code Example: *FOCUS TR-6-30B-90-32-AD-BL-00-00*

Model	Type	Colour	Lamp Holder
FOCUS Trimless LL *(FOCUS TR LL)*	Adjustable *(AD)* Fixed *(FX)*	White *(WH)* Black *(BL)* Gold *(GL)* Silver *(SL)*	GU10 (max 7.5W) *(G1)*

Lamp Not included

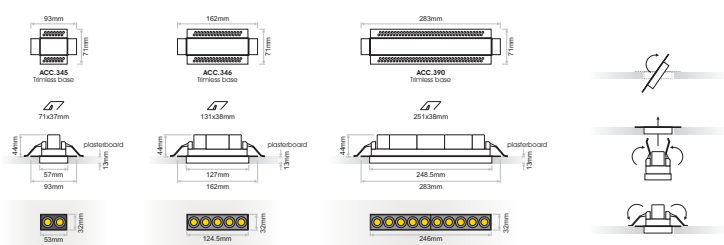
Ordering Code Example: *FOCUS TR LL-FX-WH-BL-G1*





LIMA TR

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50.000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40



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ELECTRON

CREE LEDs

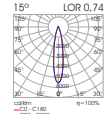
IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
LIMA 4W Trimless (LIMA 4 TR)	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White (WH)	Without Driver (00)	COVER: Standard (0)
	3000K (30C)	528lm	494lm		30° (30)	Black (BL)	Non Dimmable (ND)	(XX)
	4000K (40C)	562lm	528lm		50° (50)		Analogue (1-10V) (A1)	EXTRAS: No Extras (-0)
	6500K (65C)	592lm	-		15°x35° (1535)		DMX (DX)	Emergency Kit (-1)
LIMA 10W Trimless (LIMA 10 TR)	2700K (27C)	1320lm	1160lm				DALI (DL)	
	3000K (30C)	1320lm	1235lm				Push Button (PB)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	
LIMA 21W Trimless (LIMA 21 TR)	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

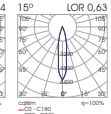
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMA 10 TR-30C-80-FX-50-WH-ND-00

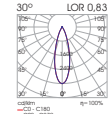
White (Mask) 15° LOR 0,74



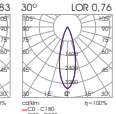
Black (Mask) 15° LOR 0,63



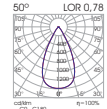
White (Mask) 30° LOR 0,83



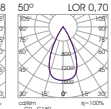
Black (Mask) 30° LOR 0,76



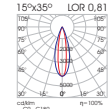
White (Mask) 50° LOR 0,78



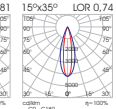
Black (Mask) 50° LOR 0,70



White (Mask) 15°x35° LOR 0,81



Black (Mask) 15°x35° LOR 0,74



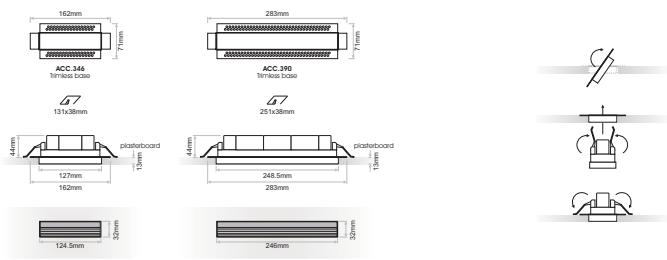
Luminaire Colour: Mask

LIMA WASH TR

Ceiling Trimless

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50.000h
- Constant current
- Indoor use: IP40

CREE LEDs



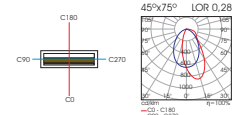
CREE LEDs

IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour:	Dimming Option		Accessories	
		80 (80)	90 (90)						COVER	
LIMA WASH 10W Trimless (LIMA W10 TR)	2700K (27C)	1320lm	1160lm	Fixed (FX)	45°x75° (45)	Black (BL)	Without Driver	(00)	Standard	(0□)
	3000K (30C)	1320lm	1235lm				Non Dimmable	(ND)		(XX)
	4000K (40C)	1405lm	1320lm				Analogue (1-10V)	(A1)		
	6500K (65C)	1480lm	-				DMX	(DX)	EXTRAS	
LIMA WASH 21W Trimless (LIMA W21 TR)	2700K (27C)	2640lm	2320lm				DALI	(DL)	No Extras	(□0)
	3000K (30C)	2640lm	2470lm				Push Button	(PB)	Emergency Kit	(□1)
	4000K (40C)	2810lm	2640lm				Phase Cut	(PC)		
	6500K (65C)	2960lm	-				Wireless*	(WL)		

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
LIMA W21 TR-30C-80-FX-45-BL-ND-00



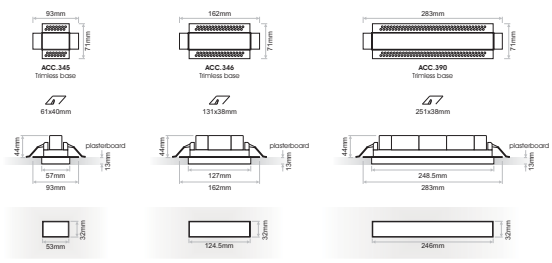
Luminaire Colour:

Black

LIMA DIFFUSED TR

Ceiling Trimless

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50.000h
- Constant current
- Indoor use: IP40



CREE LEDs

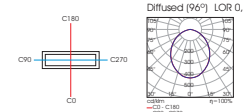
IP40

Model (LED Power)	CCT	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Luminaire Colour	Dimming Option	Accessories
LIMA Diffused 4W Trimless *(LIMA DF 4 TR)*	2700K (27C)	528lm	464lm	Fixed (FX)	Diffused (DF)	White (WH) Black (BL)	Without Driver (00)	COVER: Standard (01)
	3000K (30C)	528lm	494lm				Non Dimmable (ND)	
	4000K (40C)	562lm	528lm				Analogue (1-10V) (A1)	(XX)
	6500K (65C)	592lm	-				DMX (DX)	EXTRAS: No Extras (X0)
LIMA Diffused 10W Trimless *(LIMA DF 10 TR)*	2700K (27C)	1320lm	1160lm				DALI (DL)	Emergency Kit (X1)
	3000K (30C)	1320lm	1235lm				Push Button (PB)	
	4000K (40C)	1405lm	1320lm				Phase Cut (PC)	
	6500K (65C)	1480lm	-				Wireless* (WL)	
LIMA Diffused 21W Trimless *(LIMA DF 21 TR)*	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:
LIMA DF 10 TR-30C-80-FX-DF-WH-ND-00

White
Diffused (96°) LOR 0,45



Luminaire Colour:

LUPO ROUND WASH

Ceiling Trimless

- LUPO Round Wash is a trimless downlight available in 9W, 13W & 38W.
- Available in black or white colour.

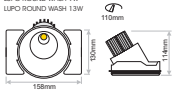
LIGHTSOURCE BY LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Round Wash *(LUPO RW)*	**9W** *(9)*	2700K *(27L)*	950lm	Fixed *(FX)*	95 *(95)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30L)*	*1010lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Standard *(01)*
		3500K *(35L)*	*1040lm*			60° *(60)*		Analogue (1-10V) *(A1)*	↓
		4000K *(40L)*	*1080lm*					DMX *(DX)*	*(XX)*
		5000K *(50L)*	*1090lm*					DALI *(DL)*	↑
	13W *(13)*	2700K *(27L)*	*1240lm*					Wireless* *(WL)*	***EXTRAS***
		3000K *(30L)*	*1325lm*						No Extras *(10)*
		3500K *(35L)*	*1365lm*						Emergency *(11)*
		4000K *(40L)*	*1420lm*						
		5000K *(50L)*	*1430lm*						
	38W *(38)*	2700K *(27L)*	*4180lm*			15° *(15)*			
		3000K *(30L)*	*4425lm*			24° *(24)*			
		3500K *(35L)*	*4570lm*						
		4000K *(40L)*	*4712lm*						
		5000K *(50L)*	*4800lm*						

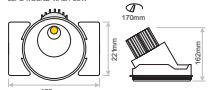
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO RW38-30L-FX-95-24-WH-ND-00

LUPO ROUND WASH 9W
LUPO ROUND WASH 13W



LUPO ROUND WASH 38W



LUPO ROUND WASH 9W
LUPO ROUND WASH 13W

LUPO ROUND WASH 38W

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Ceiling Trimless

LUPO ROUND

- LUPO Round is a trimless downlight available in 9W, 13W & 38W.
- Available in black or white colour.

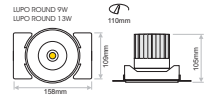
LIGHTSOURCE BY LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Round *(LUPO R)*	**9W** *(9)*	2700K *(27L)*	950lm	Fixed *(FX)*	95 *(95)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30L)*	*1010lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Standard *(01)*
		3500K *(35L)*	*1040lm*			60° *(60)*		Analogue (1-10V) *(A1)*	↓
		4000K *(40L)*	*1080lm*					DMX *(DX)*	*(XX)*
		5000K *(50L)*	*1090lm*					DALI *(DL)*	↑
	13W *(13)*	2700K *(27L)*	*1240lm*					Wireless* *(WL)*	***EXTRAS***
		3000K *(30L)*	*1325lm*						No Extras *(10)*
		3500K *(35L)*	*1365lm*						Emergency *(11)*
		4000K *(40L)*	*1420lm*						
		5000K *(50L)*	*1430lm*						
	38W *(38)*	2700K *(27L)*	*4180lm*			15° *(15)*			
		3000K *(30L)*	*4425lm*			24° *(24)*			
		3500K *(35L)*	*4570lm*						
		4000K *(40L)*	*4712lm*						
		5000K *(50L)*	*4800lm*						

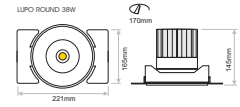
* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO R38-30L-FX-95-24-WH-ND-00

LUPO ROUND 9W
LUPO ROUND 13W



LUPO ROUND 38W



LUPO ROUND 9W
LUPO ROUND 13W

LUPO ROUND 38W

LUPO SQUARE WASH

Ceiling Trimless

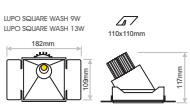
- LUPO Square Wash is a trimless downlight available in 9W, 13W & 38W.
- Available in black or white colour.

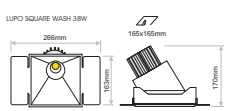
LIGHTSOURCE BY LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Square Wash *(LUPO SW)*	**9W** *(9)*	2700K *(27L)*	*950lm*	Fixed *(FX)*	95 *(95)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30L)*	*1010lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Standard *(01)*
		3500K *(35L)*	*1040lm*			60° *(60)*		Analogue (1-10V) *(A1)*	*(XX)*
		4000K *(40L)*	*1080lm*					DMX *(DX)*	***EXTRAS***
		5000K *(50L)*	*1090lm*					DALI *(DL)*	No Extras *(00)*
	13W *(13)*	2700K *(27L)*	*1240lm*					Wireless* *(WL)*	Emergency *(01)*
		3000K *(30L)*	*1325lm*						
		3500K *(35L)*	*1365lm*						
		4000K *(40L)*	*1420lm*						
		5000K *(50L)*	*1430lm*						
	38W *(38)*	2700K *(27L)*	*4180lm*			15° *(15)*			
		3000K *(30L)*	*4425lm*			24° *(24)*			
		3500K *(35L)*	*4570lm*						
		4000K *(40L)*	*4712lm*						
		5000K *(50L)*	*4800lm*						

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO SW38-30L-FX-95-24-WH-ND-00





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Ceiling Trimless

LUPO SQUARE

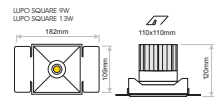
- LUPO Square is a trimless downlight available in 9W, 13W & 38W.
- Available in black or white colour.

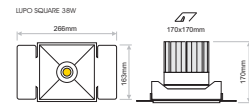
LIGHTSOURCE BY LUMINUS

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
LUPO Square *(LUPO S)*	**9W** *(9)*	2700K *(27L)*	*950lm*	Fixed *(FX)*	95 *(95)*	15° *(15)*	White *(WH)*	Without Driver *(00)*	***COVER***
		3000K *(30L)*	*1010lm*			38° *(38)*	Black *(BL)*	Non-Dimmable *(ND)*	Standard *(01)*
		3500K *(35L)*	*1040lm*			60° *(60)*		Analogue (1-10V) *(A1)*	*(XX)*
		4000K *(40L)*	*1080lm*					DMX *(DX)*	***EXTRAS***
		5000K *(50L)*	*1090lm*					DALI *(DL)*	No Extras *(00)*
	13W *(13)*	2700K *(27L)*	*1240lm*					Wireless* *(WL)*	Emergency *(01)*
		3000K *(30L)*	*1325lm*						
		3500K *(35L)*	*1365lm*						
		4000K *(40L)*	*1420lm*						
		5000K *(50L)*	*1430lm*						
	38W *(38)*	2700K *(27L)*	*4180lm*			15° *(15)*			
		3000K *(30L)*	*4425lm*			24° *(24)*			
		3500K *(35L)*	*4570lm*						
		4000K *(40L)*	*4712lm*						
		5000K *(50L)*	*4800lm*						

* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO S38-30L-FX-95-24-WH-ND-00





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Ceiling Trimless

PANDORA

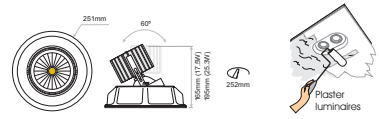
- PANDORA is a trimless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

LIGHTSOURCE BY bridgelux.

Model	Power	CCT*	LED Source CRI80	CRI90	CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories	
PANDORA *(PANDORA)*	**17.5W** *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*	Adjustable *(AD)*	80 *(80)*	34° *(34)*	White *(WH)*	Without Driver	*(00)*	***COVER***	
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*		90 *(90)*			Non Dimmable	*(ND)*	Standard	*(01)*
		4000K *(40B)*	*2714lm*	*2265lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*		↓
		5700K *(57B)*	*2637lm*	-	-					DMX	*(DX)*		*(XX)*
	25.3W *(25)*	2700K *(27B)*	*3384lm*	*2792lm*	*2475lm*					DALI	*(DL)*	***EXTRAS***	↑
		3000K *(30B)*	*3595lm*	*2919lm*	*2644lm*					Push Button	*(PB)*	No Extras	*(00)*
		4000K *(40B)*	*3701lm*	*3088lm*	-					Phase Cut	*(PC)*	Emergency	*(A1)*
		5700K *(57B)*	*3595lm*	-	-					Wireless***	*(WL)*		

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *PANDORA 25-30B-AD-90-34-WH-ND-00*



HEKTOR

Ceiling Trimless

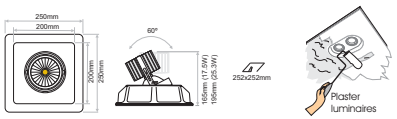
- HEKTOR is a trimless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

LIGHTSOURCE BY bridgelux

Model	Power	CCT*	LED Source CRI80	LED Source CRI90	LED Source CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories	
HEKTOR *(HEKTOR)*	**17.5W** *(18)*	2700K *(27B)*	*2482lm*	*2048lm*	*1815lm*	Adjustable *(AD)*	80 *(80)*	34° *(34)*	White *(WH)*	Without Driver	*(00)*	***COVER*** Standard	*(0X)*
		3000K *(30B)*	*2637lm*	*2140lm*	*1939lm*		90 *(90)*			Non Dimmable	*(ND)*		↓
		4000K *(40B)*	*2714lm*	*2265lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*		*(XX)*
		5700K *(57B)*	*2637lm*	-	-					DMX	*(DX)*		
										DALI	*(DL)*	***EXTRAS***	↑
	25.3W *(25)*	2700K *(27B)*	*3384lm*	*2792lm*	*2475lm*					Push Button	*(PB)*	No Extras	*(X0)*
		3000K *(30B)*	*3595lm*	*2919lm*	*2644lm*					Phase Cut	*(PC)*	Emergency	*(X1)*
		4000K *(40B)*	*3701lm*	*3088lm*	-					Wireless***	*(WL)*		
		5700K *(57B)*	*3595lm*	-	-								

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *HEKTOR 25-30B-AD-90-34-WH-ND-00*



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Ceiling Trimless

GALINO

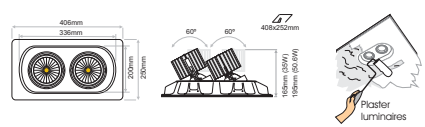
- GALINO is a trimless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

LIGHTSOURCE BY bridgelux

Model	Power	CCT*	LED Source CRI80	LED Source CRI90	LED Source CRI97	Type	CRI	Beam Angle	Colour	Dimming Option		Accessories	
GALINO *(GALINO)*	**35W** *(35)*	2700K *(27B)*	*4964lm*	*4096lm*	*3630lm*	Adjustable *(AD)*	80 *(80)*	34° *(34)*	White *(WH)*	Without Driver	*(00)*	***COVER*** Standard	*(0X)*
		3000K *(30B)*	*5274lm*	*4280lm*	*3878lm*		90 *(90)*			Non Dimmable	*(ND)*		↓
		4000K *(40B)*	*5428lm*	*4530lm*	-		97 *(97)*			Analogue (1-10V)	*(A1)*		*(XX)*
		5700K *(57B)*	*5274lm*	-	-					DMX	*(DX)*		
										DALI	*(DL)*	***EXTRAS***	↑
	50.6W *(51)*	2700K *(27B)*	*6768lm*	*5584lm*	*4950lm*					Push Button	*(PB)*	No Extras	*(X0)*
		3000K *(30B)*	*7190lm*	*5838lm*	*5288lm*					Phase Cut	*(PC)*	Emergency	*(X1)*
		4000K *(40B)*	*7402lm*	*6176lm*	-					Wireless***	*(WL)*		
		5700K *(57B)*	*7190lm*	-	-								

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *GALINO 51-30B-AD-90-34-WH-ND-00*



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AMOS / AMOS XL

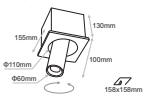
Ceiling Trimless

- AMOS & AMOS XL decorative trimless luminaires.
- 3 SDCM
- L90/B10 50.000h

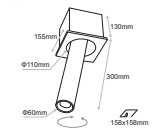
CREE LEDs

Code	Model	Watt	Voltage	Beam Angle	Lamp	Weight		IP Rate
PCR.025	AMOS	9W	230VAC	30°	Included	1,72Kg	158x158mm	IP20
PCR.026	AMOS XL	9W	230VAC	30°	Included	1,83Kg	158x158mm	IP20

AMOS



AMOS XL



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ELECTRON

Ceiling Trimless

SEAMLESS
RD / SQ SHORT / SQ WASH 45°

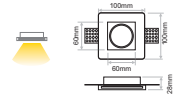
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.031	SEAMLESS ROUND	GU10	35W	230VAC	Not included	0.34Kg	Φ132mm	IP20
PCR.001	SEAMLESS SQUARE SHORT	Gx5.3	35W	12VAC	Not included	0.20Kg	102x102mm	IP20
	*Suitable for plasterboard 12.5mm							
PCR.003	SEAMLESS SQUARE WASH 45°	Gx5.3	35W	12VAC	Not included	0.55Kg	122x122mm	IP20
	*Suitable for plasterboard 9mm-15mm							

Plaster

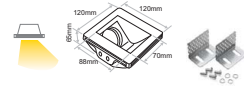
Suitable for plasterboard
12.5mm (PCR.031-001)
9mm-15mm (PCR.003)

PCR.031
SEAMLESS ROUND

PCR.001
SEAMLESS
SQUARE SHORT



PCR.003
SEAMLESS
SQUARE WASH 45°



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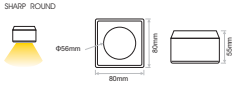
SHARP RD/SQ

Ceiling Trimless

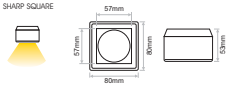
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.029	SHARP ROUND	GU10	35W	230VAC	Not included	0.42Kg	82x82mm	IP20
PCR.030	SHARP SQUARE	GU10	35W	230VAC	Not included	0.36Kg	82x82mm	IP20

*Suitable for plasterboard 9-15mm

PCR.029
SHARP ROUND



PCR.030
SHARP SQUARE



Plaster

Suitable for plasterboard 9mm-15mm

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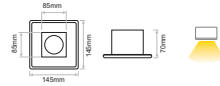
ELECTRON

Ceiling Trimless

VERTICO

Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.027	VERTICO	Gx5.3	35W	12VAC	Not included	1.05Kg	146x146mm	IP20

*Suitable for plasterboard 9-15mm



Plaster

Suitable for plasterboard 9mm-15mm

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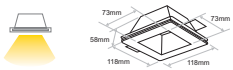
SEAMLESS SQ/SQx2

Ceiling Trimless

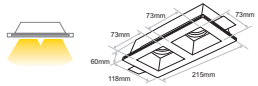
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.002	SEAMLESS SQUARE	Gx5.3	35W	12VAC	Not included	0.44Kg	120x120mm	IP20
PCR.004	SEAMLESS SQUARE x2	2xGx5.3	2x35W	12VAC	Not included	0.94Kg	120x217mm	IP20

*Suitable for plasterboard 12mm

PCR.002
SEAMLESS SQUARE



PCR.004
SEAMLESS SQUARE x2



Plaster

Suitable for plasterboard 12mm

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ELECTRON

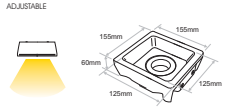
Ceiling Trimless

SEAMLESS SQ ADJ / ADJx2

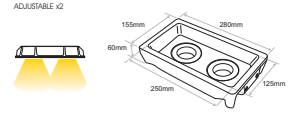
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.005	SEAMLESS SQUARE ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.84Kg	157x157mm	IP20
PCR.006	SEAMLESS SQUARE ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	Not included	1.56Kg	157x282mm	IP20

*Suitable for plasterboard 9mm-15mm

PCR.005
SEAMLESS SQUARE ADJUSTABLE



PCR.006
SEAMLESS SQUARE ADJUSTABLE x2



Plaster

Suitable for plasterboard 9mm-15mm

ACC.206
Lamp Holder

ELECTRON

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SEAMLESS
RD ADJ / RD ADJx2 / CURVE ADJ

Ceiling Trimless

Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.008	SEAMLESS ROUND ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.72Kg	Φ 157mm	IP20
PCR.009	SEAMLESS ROUND ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	Not included	1.54Kg	158x258mm	IP20
PCR.010	SEAMLESS CURVE ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.68Kg	Φ 157mm	IP20

*Suitable for plasterboard 9mm-15mm

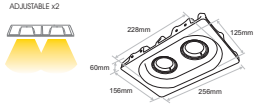
Plaster

Suitable for plasterboard 9mm-15mm

ACC.206
Lamp Holder

PCR.008
SEAMLESS ROUND ADJUSTABLE

PCR.009
SEAMLESS ROUND ADJUSTABLE x2



PCR.010
SEAMLESS CURVE ADJUSTABLE

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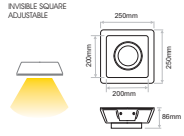
Ceiling Trimless

INVISIBLE SQ ADJ / SQ / RD

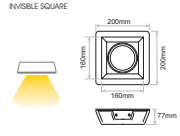
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.011	INVISIBLE SQUARE ADJUSTABLE	AR111	50W	12VAC	Not included	2.14Kg	252x252mm	IP20
PCR.015	INVISIBLE SQUARE	AR111	50W	12VAC	Not included	1.53Kg	202x202mm	IP20
PCR.016	INVISIBLE ROUND	AR111	50W	12VAC	Not included	0.97Kg	Φ 202mm	IP20

*Suitable for plasterboard 9mm-15mm

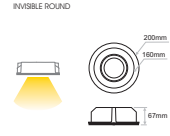
PCR.011
INVISIBLE SQUARE ADJUSTABLE



PCR.015
INVISIBLE SQUARE



PCR.016
INVISIBLE ROUND



Plaster

Suitable for plasterboard 9mm-15mm

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INVISIBLE
RD ADJ / RD ADJx2 / CURVE ADJ

Ceiling Trimless

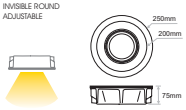
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.012	INVISIBLE ROUND ADJUSTABLE	AR111	50W	12VAC	Not included	2.06Kg	Φ 252mm	IP20
PCR.013	INVISIBLE ROUND ADJUSTABLE x2	2xAR111	2x50W	12VAC	Not included	3.74Kg	252x408mm	IP20
PCR.014	INVISIBLE CURVE ADJUSTABLE	AR111	50W	12VAC	Not included	1.22Kg	Φ 222mm	IP20

*Suitable for plasterboard 9mm-15mm

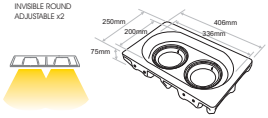
Plaster

Suitable for plasterboard 9mm-15mm

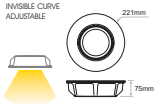
PCR.012
INVISIBLE ROUND ADJUSTABLE



PCR.013
INVISIBLE ROUND ADJUSTABLE x2



PCR.014
INVISIBLE CURVE ADJUSTABLE



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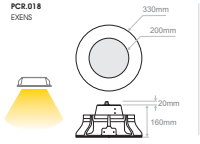
Ceiling Trimless

EXENS / SPACE-O / SPACE-Z

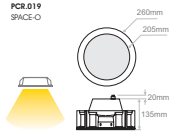
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.018	EXENS	2xE27	2x18W	220-240VAC	Not included	2.87Kg	Φ 332mm	IP20
PCR.019	SPACE-O	2xE27	2x18W	220-240VAC	Not included	4.82Kg	Φ 262mm	IP20
PCR.020	SPACE-Z	2xE27	2x18W	220-240VAC	Not included	2.5Kg	242x242mm	IP20

*Suitable for plasterboard 9mm-15mm

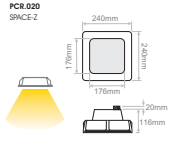
PCR.018
EXENS



PCR.019
SPACE-O



PCR.020
SPACE-Z



Plaster

Suitable for plasterboard 9mm-15mm

ART R

Ceiling Trimless

Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.017	ART-R	E27	40W	220-240VAC	Not included	2.3Kg	Φ 273mm	IP20

*Suitable for plasterboard 9-15mm

Plaster

Suitable for plasterboard 9mm-15mm

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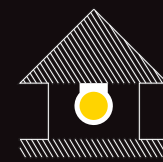
ELECTRON

CEILING SURFACE



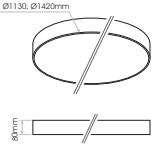
DISC SF
(Surface)

Ceiling Surface

- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination (DISC SF) or with Direct illumination combined with a decorative Indirect lighting effect (DISC SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

Ø270, Ø400, Ø580, Ø850, Ø1130, Ø1420mm



Available upon request:

√ *Custom luminaire colours*
√ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
				3000K	4000K				
DISC Surface High Power *(DISC SF HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	> 80 *(80)*	> 80 *(80)*	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
	Black *(BL)*	4000K *(40)*	11.9W / 27cm *(12W027)*	*1910lm*	*2070lm*	Low Glare *(LG)* ***		Analogue *(A1)* (1-10V)	Standard *(0)*
	Grey *(GR)*		26.2W / 40cm *(26W040)*	*3970lm*	*4170lm*				Emergency *(1)*
			57.4W / 58cm *(58W058)*	*8670lm*	*9110lm*			DALI *(DL)*	
			123.8W / 85cm *(124W085)*	*17980lm*	*18900lm*			Wireless *(WL)*	
			214.8W / 113cm *(215W113)*	*31060lm*	*32650lm*				
			336.6W / 142cm *(337W142)*	*49550lm*	*52200lm*				
DISC Surface High Efficiency *(DISC SF HE)*			HIGH EFFICIENCY	> 80 *(80)*	> 80 *(80)*	Opal *(OP)*			
				3000K	4000K				
			4.5W / 27cm *(05W027)*	*810lm*	*880lm*	Low UGR *(LU)* ***			
			9.8W / 40cm *(10W040)*	*1680lm*	*1770lm*				
			21.2W / 58cm *(21W058)*	*3640lm*	*3830lm*				
			45.7W / 85cm *(46W085)*	*7430lm*	*7810lm*				
			79.4W / 113cm *(80W113)*	*12830lm*	*13490lm*				
			124.4W / 142cm *(124W142)*	*20590lm*	*21700lm*				

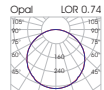
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR < 22), Low UGR (UGR < 19)

Ordering Code Example: *DISC SF HP-BL-30-58W058-80-LG-230-ND-0*

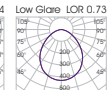
DISC Surface						
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

HIGH POWER

Opal LOR 0.74

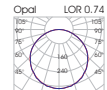


Low Glare LOR 0.73

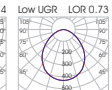


HIGH EFFICIENCY

Opal LOR 0.74

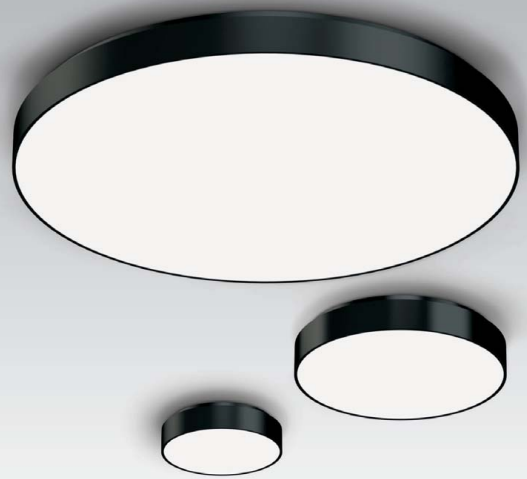


Low UGR LOR 0.73



DISC SF DECO

Ceiling Surface



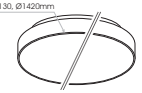
- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination combined with a decorative Indirect lighting effect (DISC SF DECO) or with only Direct illumination (DISC SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 214lm/W (4000K)
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:

√ *Custom luminaire colours*
√ *Emergency version*

Ø270, Ø400, Ø580, Ø850, Ø1130, Ø1420mm



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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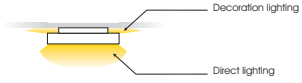
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
				3000K	4000K				
DISC SF DECO High Power *(DISC SF DECO HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	> 80 *(80)*	> 80 *(80)*	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
	Black *(BL)*	4000K *(40)*	11.9W / 27cm *(12W027)*	1910lm	2070lm	Low Glare *(LG)* ***		Analogue *(A1)* (1-10V)	Standard *(0)*
	Grey *(GR)*		26.2W / 40cm *(26W040)*	3970lm	4170lm				Emergency *(1)*
			57.4W / 58cm *(58W058)*	8670lm	9110lm			DALI *(DL)*	
			123.8W / 85cm *(124W085)*	17980lm	18900lm			Wireless *(WL)*	
			214.8W / 113cm *(215W113)*	31060lm	32650lm				
			336.6W / 142cm *(337W142)*	49550lm	52200lm				
DISC SF DECO High Efficiency *(DISC SF DECO HE)*			HIGH EFFICIENCY	> 80 *(80)* 3000K	> 80 *(80)* 4000K	Opal *(OP)*			
			4.5W / 27cm *(05W027)*	810lm	880lm	Low UGR *(LU)* ***			
			9.8W / 40cm *(10W040)*	1680lm	1770lm				
			21.2W / 58cm *(21W058)*	3640lm	3830lm				
			45.7W / 85cm *(46W085)*	7430lm	7810lm				
			79.4W / 113cm *(80W113)*	12830lm	13490lm				
			124.4W / 142cm *(124W142)*	20590lm	21700lm				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR < 22), Low UGR (UGR < 19)

Ordering Code Example: *DISC SF DECO HP-BL-30-58W058-80-LG-230-ND-0*



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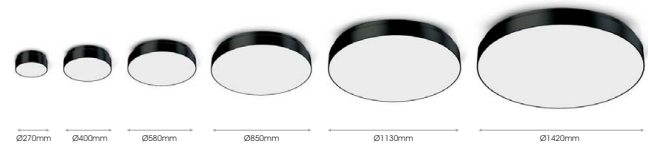
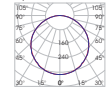


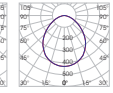
DISC SF DECO	Ø270mm	Ø400mm	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

HIGH POWER

Opal LOR 0.74

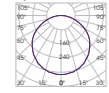


Low Glare LOR 0.73

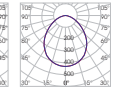


HIGH EFFICIENCY

Opal LOR 0.74



Low UGR LOR 0.73



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ECLIPSE SF
(Surface)

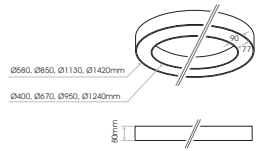
Ceiling Surface

- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination (ECLIPSE SF) or with Direct illumination combined with a decorative Indirect lighting effect (ECLIPSE SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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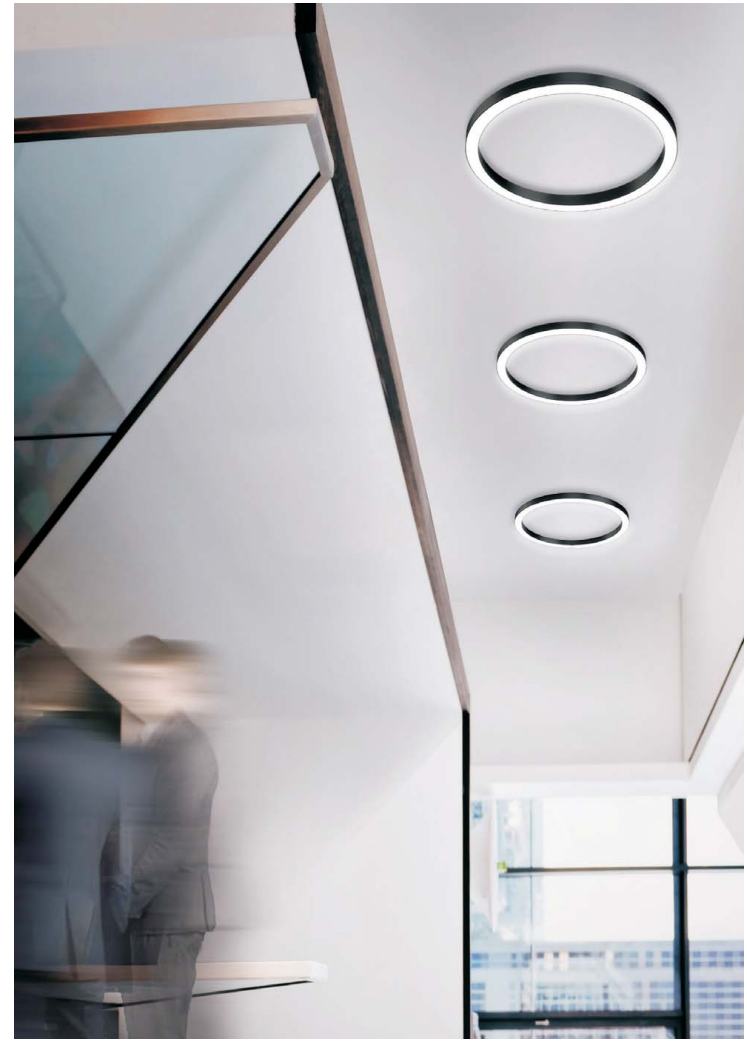

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Surface High Power *(ECLIPSE SF HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	> 80 *(80)* **3000K**	> 80 *(80)* **4000K**	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
	Black *(BL)*	4000K *(40)*	46.2W / 58cm *(46W058)*	*6910lm*	*7310lm*	Low Glare *(LG)* ***		Analogue *(A1)* (1-10V)	Standard *(0)*
	Grey *(GR)*		75W / 85cm *(75W085)*	*11070lm*	*11740lm*				Emergency *(1)*
			104.5W / 113cm *(105W113)*	*15490lm*	*16390lm*			DALI *(DL)*	
			134.1W / 142cm *(134W142)*	*19960lm*	*21100lm*			Wireless *(WL)*	
ECLIPSE Surface High Efficiency *(ECLIPSE SF HE)*			HIGH EFFICIENCY	> 80 *(80)* **3000K**	> 80 *(80)* **4000K**	Opal *(OP)*			
			17.6W / 58cm *(18W058)*	*2940lm*	*3110lm*	Low UGR *(LU)* ***			
			26.7W / 85cm *(27W085)*	*4450lm*	*4720lm*				
			37.2W / 113cm *(37W113)*	*6230lm*	*6590lm*				
			47.8W / 142cm *(48W142)*	*8020lm*	*8480lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE SF HP-BL-30-105W113-80-LG-230-ND-0

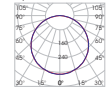
	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
ECLIPSE Surface				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

Optional accessories

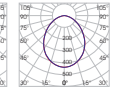
PRH.111 Metal drilling Template for ECLIPSE SF Ø58cm
PRH.112 Metal drilling Template for ECLIPSE SF Ø85cm
PRH.113 Metal drilling Template for ECLIPSE SF Ø113cm
PRH.114 Metal drilling Template for ECLIPSE SF Ø142cm

HIGH POWER

Opal LOR 0.6

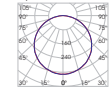


Low Glare LOR 0.66

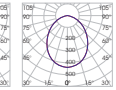


HIGH EFFICIENCY

Opal LOR 0.6



Low UGR LOR 0.67



ECLIPSE SF DECO

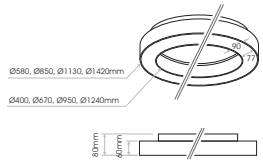
Ceiling Surface

- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination combined with a decorative Indirect lighting effect (ECLIPSE SF DECO) or with only Direct illumination (ECLIPSE SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 195lm/W (4000K)
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:

√ *Custom luminaire colours*
√ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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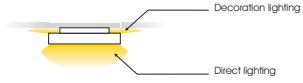
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE SF DECO High Power *(ECLIPSE SF DECO HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	> 80 *(80)* **3000K**	> 80 *(80)* **4000K**	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
	Black *(BL)*	4000K *(40)*	46.2W / 58cm *(46W058)*	6910lm	7310lm	Low Glare *(LG)****		Analogue *(A1)* (1-10V)	Standard *(0)*
	Grey *(GR)*		75W / 85cm *(75W085)*	11070lm	11740lm				Emergency *(1)*
			104.5W / 113cm *(105W113)*	15490lm	16390lm			DALI *(DL)*	
			134.1W / 142cm *(134W142)*	19960lm	21100lm			Wireless *(WL)*	
ECLIPSE SF DECO High Efficiency *(ECLIPSE SF DECO HE)*			HIGH EFFICIENCY	> 80 *(80)* **3000K**	> 80 *(80)* **4000K**	Opal *(OP)*			
			17.6W / 58cm *(18W058)*	2940lm	3110lm	Low UGR *(LU)****			
			26.7W / 85cm *(27W085)*	4450lm	4720lm				
			37.2W / 113cm *(37W113)*	6230lm	6590lm				
			47.8W / 142cm *(48W142)*	8020lm	8480lm				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: *ECLIPSE SF DECO HP-BL-30-105W113-80-LG-230-ND-0*

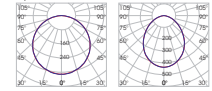


	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
ECLIPSE SF DECO				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

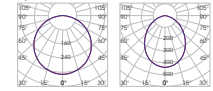
Optional accessories

PRH.111 Metal drilling Template for ECLIPSE SF DECO Ø58cm
PRH.112 Metal drilling Template for ECLIPSE SF DECO Ø85cm
PRH.113 Metal drilling Template for ECLIPSE SF DECO Ø113cm
PRH.114 Metal drilling Template for ECLIPSE SF DECO Ø142cm

HIGH POWER

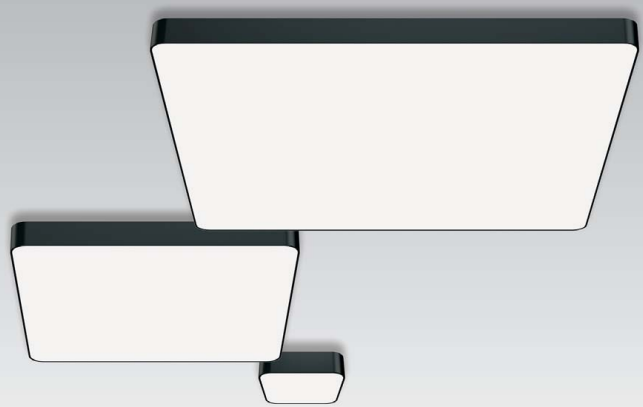


HIGH EFFICIENCY

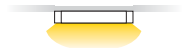


LOOP SF
(Surface)

Ceiling Surface



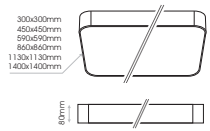
- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination (LOOP SF) or with Direct illumination combined with a decorative Indirect lighting effect (LOOP SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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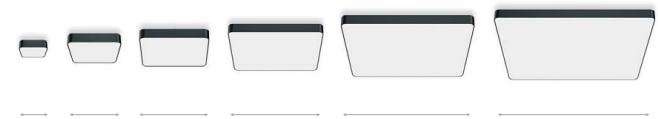
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source >80 (80) 3000K	CRI** LED Source >80 (80) 4000K	Type	Voltage	Dimming Option	Extras
LOOP Surface High Power *(LOOP SF HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER			Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
			17.6W / 30x30cm *(18W3030)*	2660lm	2780lm				
			39.5W / 45x45cm *(40W4545)*	5860lm	6160lm				
			75W / 59x59cm *(75W5959)*	10720lm	11270lm				
			153.5W / 86x86cm *(154W8686)*	22150lm	23290lm				
			272.8W / 113x113cm *(273W113113)*	39380lm	41400lm				
			426.3W / 140x140cm *(426W140140)*	61540lm	64700lm				
LOOP Surface High Efficiency *(LOOP SF HE)*			HIGH EFFICIENCY			Opal *(OP)* Low UGR *(LU)* ***			
			6.6W / 30x30cm *(07W3030)*	1130lm	1180lm				
			13.4W / 45x45cm *(13W4545)*	2250lm	2370lm				
			25.9W / 59x59cm *(26W5959)*	4200lm	4410lm				
			58.3W / 86x86cm *(58W8686)*	9450lm	9930lm				
			103.7W / 113x113cm *(104W113113)*	16790lm	17650lm				
			162W / 140x140cm *(162W140140)*	26230lm	27580lm				

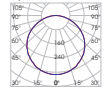
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21,8), Low UGR (UGR<18,6)

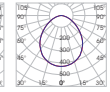
Ordering Code Example: LOOP SF HP-BL-30-154W8686-80-LG-230-ND-0



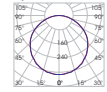
	300x300mm	450x450mm	590x590mm	860x860mm	1130x1130mm	1400x1400mm
LOOP Surface						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

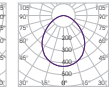
HIGH POWER





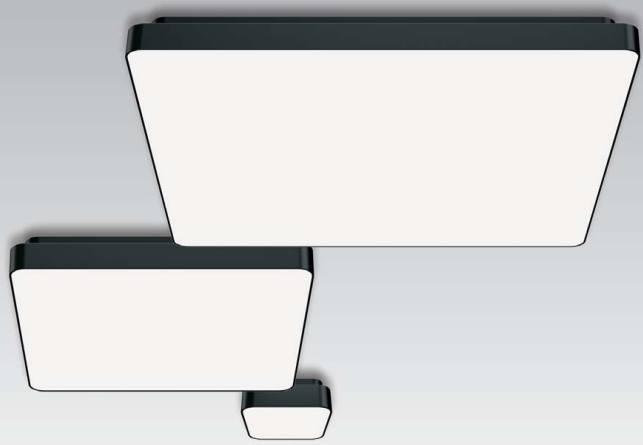
HIGH EFFICIENCY



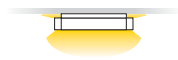


LOOP SF DECO

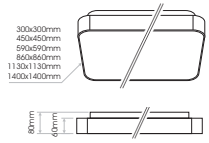
Ceiling Surface



- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination combined with a decorative Indirect lighting effect (LOOP SF DECO) or with only Direct illumination (LOOP SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18.6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



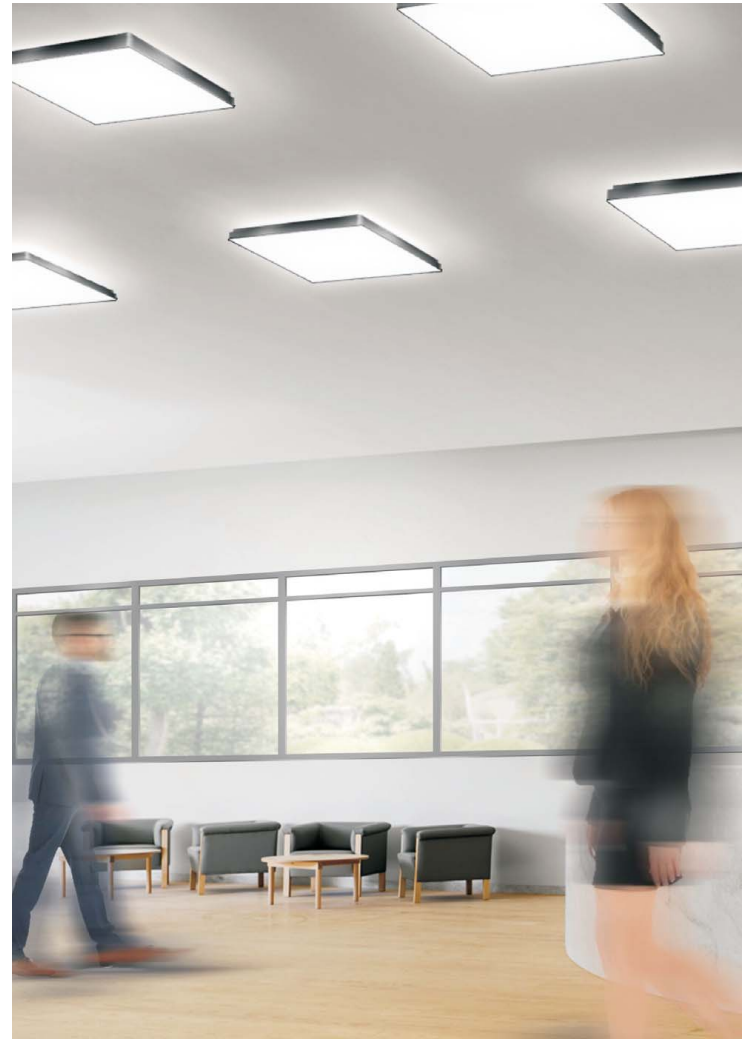
LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 132lm/W (4000K)



Available upon request:

√ *Custom luminaire colours*
√ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



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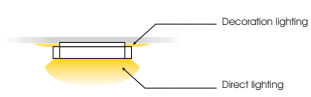
LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
LOOP SF DECO High Power *(LOOP SF DECO HP)*	White *(WH)*	3000K *(30)*	HIGH POWER	> 80 *(80)* 3000K	> 80 *(80)* 4000K	Opal *(OP)*	230VAC *(230)*	Non Dimmable *(ND)*	***Fuction***
	Black *(BL)*	4000K *(40)*	17.6W / 30x30cm *(18W3030)*	2660lm	2780lm	Low Glare *(LG)* ***		Analogue (1-10V) *(A1)*	Standard *(0)*
	Grey *(GR)*		39.5W / 45x45cm *(40W4545)*	5860lm	6160lm			DALI *(DL)*	Emergency *(1)*
			75W / 59x59cm *(75W5959)*	10720lm	11270lm			Wireless *(WL)*	
			153.5W / 86x86cm *(154W8686)*	22150lm	23290lm				
			272.8W / 113x113cm *(273W113113)*	39380lm	41400lm				
			426.3W / 140x140cm *(426W140140)*	61540lm	64700lm				
LOOP SF DECO High Efficiency *(LOOP SF DECO HE)*			HIGH EFFICIENCY	> 80 *(80)* 3000K	> 80 *(80)* 4000K	Opal *(OP)*			
			6.6W / 30x30cm *(07W3030)*	1130lm	1180lm	Low UGR *(LU)* ***			
			13.4W / 45x45cm *(13W4545)*	2250lm	2370lm				
			25.9W / 59x59cm *(26W5959)*	4200lm	4410lm				
			58.3W / 86x86cm *(58W8686)*	9450lm	9930lm				
			103.7W / 113x113cm *(104W113113)*	16790lm	17650lm				
			162W / 140x140cm *(162W140140)*	26230lm	27580lm				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21.8), Low UGR (UGR<18.6)

Ordering Code Example: LOOP SF DECO HP-BL-30-154W8686-80-LG-230-ND-0



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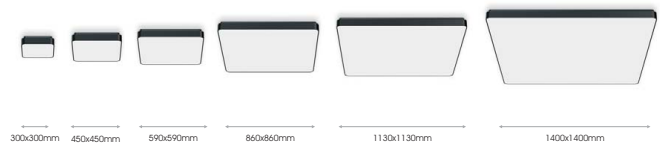
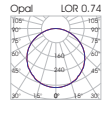
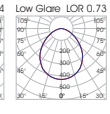


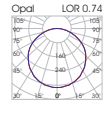
LOOP SF DECO						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

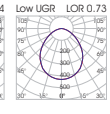
HIGH POWER





HIGH EFFICIENCY

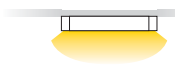




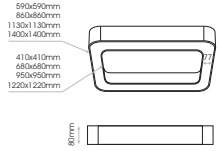
ORBIT SF
(Surface)

Ceiling Surface

- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination (ORBIT SF) or with Direct illumination combined with a decorative Indirect lighting effect (ORBIT SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)



Available upon request:

√ *Custom luminaire colours*
√ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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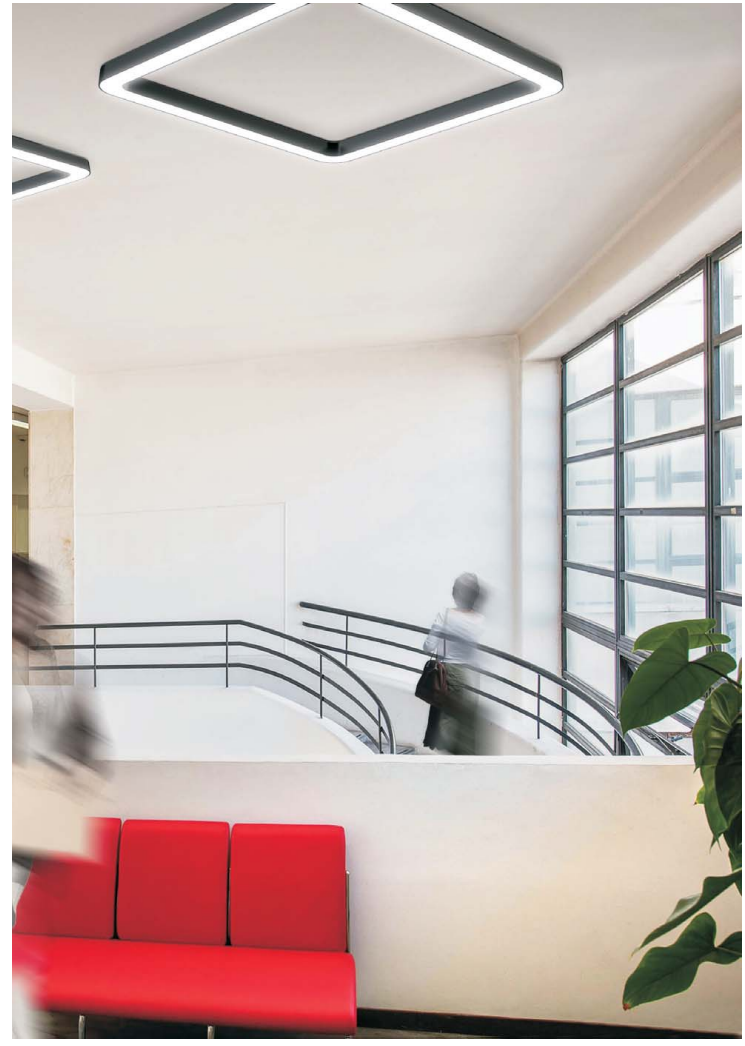

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Surface High Power *(ORBIT SF HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 61.6W / 59x59cm *(62W5959)* 93.6W / 86x86cm *(94W8686)* 128.7W / 113x113cm *(129W113113)* 163.9W / 140x140cm *(164W140140)*	≥ 80 *(80)* **3000K** *9210lm* *14050lm* *19320lm* *24590lm*	≥ 80 *(80)* **4000K** *9750lm* *14860lm* *20430lm* *26000lm*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
ORBIT Surface High Efficiency *(ORBIT SF HE)*			HIGH EFFICIENCY 23.4W / 59x59cm *(23W5959)* 32.8W / 86x86cm *(33W8686)* 45.1W / 113x113cm *(45W113113)* 57.4W / 140x140cm *(57W140140)*	≥ 80 *(80)* **3000K** *3920lm* *5560lm* *7650lm* *9730lm*	≥ 80 *(80)* **4000K** *4150lm* *5880lm* *8090lm* *10290lm*	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CR90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

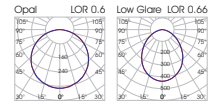
Ordering Code Example: ORBIT SF HP-WH-30-94W8686-80-LG-230-ND-0

	590x590mm	860x860mm	1130x1130mm	1400x1400mm
ORBIT Surface				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

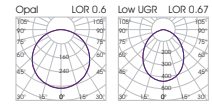
Optional accessories

PRH.115 Metal drilling Template for ORBIT SF 59x59cm
PRH.116 Metal drilling Template for ORBIT SF 86x86cm
PRH.117 Metal drilling Template for ORBIT SF 113x113cm
PRH.118 Metal drilling Template for ORBIT SF 140x140cm

HIGH POWER



HIGH EFFICIENCY

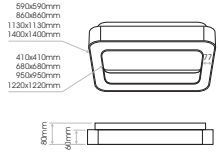


ORBIT SF DECO

Ceiling Surface

- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct illumination combined with a decorative Indirect lighting effect (ORBIT SF DECO) or with only Direct illumination (ORBIT SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

LED source efficacy up to 197lm/W (4000K)
Luminaire efficacy up to 120lm/W (4000K)



Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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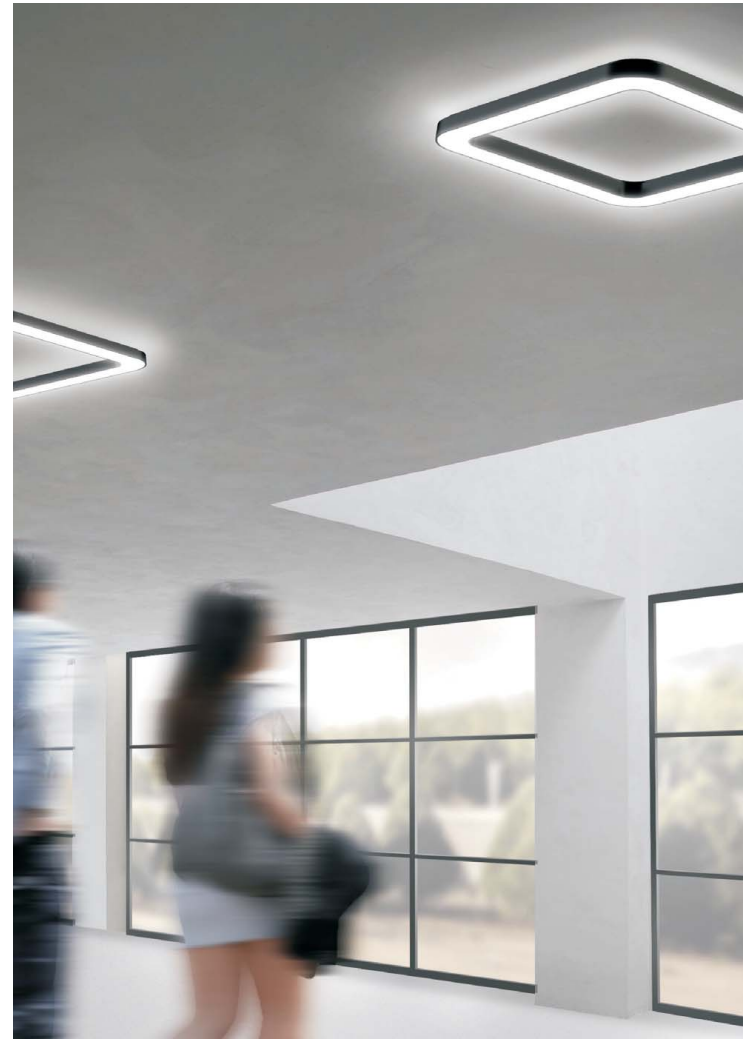

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LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT SF DECO High Power *(ORBIT SF DECO HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 61.6W / 59x59cm *(62W5959)* 93.6W / 86x86cm *(94W8686)* 128.7W / 113x113cm *(129W113113)* 163.9W / 140x140cm *(164W140140)*	≥ 80 *(80)* **3000K** 9210lm 14050lm 19320lm 24590lm	≥ 80 *(80)* **4000K** 9750lm 14860lm 20430lm 26000lm	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0)* Emergency *(1)*
ORBIT SF DECO High Efficiency *(ORBIT SF DECO HE)*			HIGH EFFICIENCY 23.4W / 59x59cm *(23W5959)* 32.8W / 86x86cm *(33W8686)* 45.1W / 113x113cm *(45W113113)* 57.4W / 140x140cm *(57W140140)*	≥ 80 *(80)* **3000K** 3920lm 5560lm 7650lm 9730lm	≥ 80 *(80)* **4000K** 4150lm 5880lm 8090lm 10290lm	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CR90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

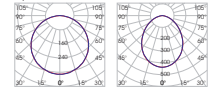
Ordering Code Example: *ORBIT SF DECO HP-WH-30-94W8686-80-LG-230-ND-0*

	590x590mm	860x860mm	1130x1130mm	1400x1400mm
ORBIT SF DECO				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

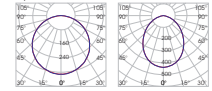
Optional accessories

PRH.115 Metal drilling Template for ORBIT SF DECO 59x59cm
PRH.116 Metal drilling Template for ORBIT SF DECO 86x86cm
PRH.117 Metal drilling Template for ORBIT SF DECO 113x113cm
PRH.118 Metal drilling Template for ORBIT SF DECO 140x140cm

HIGH POWER



HIGH EFFICIENCY

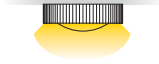


TARTA

Ceiling Surface

- Tarta series consists of three sized surface luminaires that give an elegant touch into any space.
- Body material: concrete.
- Diffuser material: acrylic.
- Available in: light grey, dark grey or ceramic colour.
- Dimming options: Non dimmable or 48V PWM Dimmable

11W / 26.5cm 17W / 33.5cm 21W / 46cm



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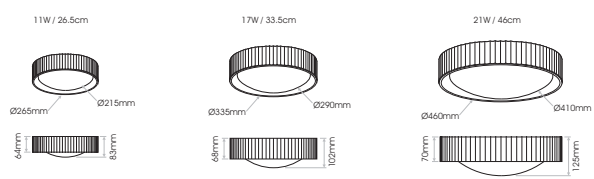
IP20

Model	Watt	Luminaire Colour	CCT	CRI	Type	Dimming Option
TARTA *(TARTA)*	11W *(11)* 17W *(17)* 21W *(21)*	Light Grey *(LG)* Dark Grey *(DG)* Ceramic *(CR)*	2700K *(27)* 3000K *(30)* 4000K *(40)* 5000K *(50)*	80 *(80)*	Diffused *(DF)*	230VAC Non Dimmable *(230ND)* 48VDC PWM Dimmable *(48V)*

Ordering Code Example: TARTA-11-LG-30-80-DF-230ND

Light Grey Dark Grey Ceramic



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REFORM 30 Surface Spot

Ceiling Surface

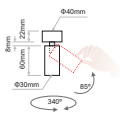
- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6.3watt.
- Beam angle varies from 28 to 50 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- External driver only.
- Emergency kit only for external use.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).

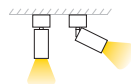
CREE LEDs

Model	LED Power	CCT*	CRI80, CRI90 LED Source 80 (80)	CRI80, CRI90 LED Source 90 (90)	Beam Angle	Type	Luminaire Colour (XXX)	Dimming Option	Accessories (XX)
REFORM 30 Surface Spot (REFORM 30 SFSP)	**3W** (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	**Base** White (W) Black (B)	Without Driver (00)	Standard (0)
		3000K (30C)	310lm	265lm			**Spot** White (W) Black (B)	24VDC (24) PWM Dimmable**	Honeycomb (1)
		4000K (40C)	330lm	290lm			**Inner Ring** White (W) Black (B)		Softening lens (2)
		5000K (50C)	360lm	310lm					**Extras** No Extras (0) Emergency*** (1)
	5.8W (6)	2700K (27C)	615lm	500lm					
		3000K (30C)	615lm	530lm					
		4000K (40C)	665lm	575lm					
		5000K (50C)	715lm	615lm					
	3W (3)	2700K (27C)	396lm	320lm	28° (28)				
		3000K (30C)	396lm	342lm	36° (36)				
		4000K (40C)	428lm	369lm	50° (50)				
		5000K (50C)	428lm	396lm					
	6.3W (6)	2700K (27C)	669lm	540lm					
		3000K (30C)	669lm	577lm					
		4000K (40C)	722lm	623lm					
		5000K (50C)	722lm	669lm					

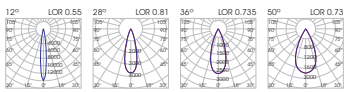
* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
**Only for 3W Led power models.
*** External.

Ordering Code Example: REFORM 30 SFSP3-40C-80-36-AD-WWB-00-00

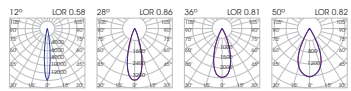


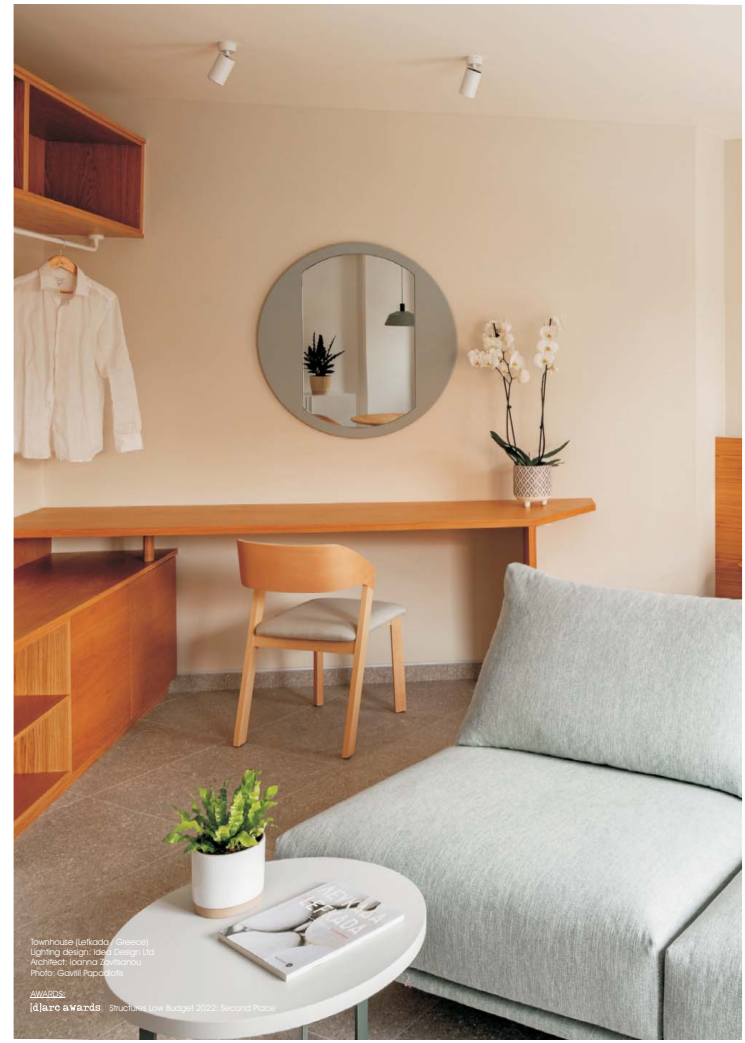


Inner ring colour: **BLACK**



Inner ring colour: **WHITE**





Townhouse (Lefkada / Greece)
Lighting design: Idea Design Ltd
Architect: Ioanna Zavitsanou
Photo: Gavrill Papadiotis

AWARDS:
{d}arc awards Structures Low Budget 2022: Second Place

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REFORM 52 Surface Spot

Ceiling Surface

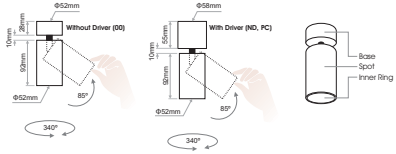
- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).

CREE LEDs

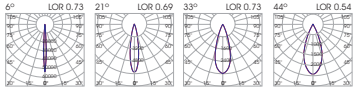
Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option**	Accessories
		80 (80)	90 (90)			(XXX)		(XX)
REFORM 52 Surface Spot 8.2W (REFORM 52 SFSP8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	**Base** White (W) Black (B)	Without Driver (00)	Standard (0)
	3000K (30C)	779lm	673lm			**Spot** White (W) Black (B)	Non Dimmable (ND)	Honeycomb (1)
	4000K (40C)	841lm	726lm			**Inner Ring** White (W) Black (B)	Phase Cut (PC)	Line spread lens (2)
	5000K (50C)	903lm	779lm					Softening lens (3)
REFORM 52 Surface Spot 12W (REFORM 52 SFSP12)	2700K (27C)	1590lm	1380lm	21° (21)				***EXTRAS***
	3000K (30C)	1710lm	1485lm	33° (33)				No Extras (0)
	4000K (40C)	1830lm	1590lm	44° (44)				Emergency*** (1)
	5000K (50C)	1710lm	1590lm					
REFORM 52 Surface Spot Warm Dimming 12W (REFORM 52 SFSP WD12)	1800K–3000K (1830B)		95 (95) 1045lm				Phase Cut (PC)	

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** ND and PC versions suitable only with the Φ58x55(h) mm base.
*** External.

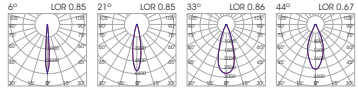
Ordering Code Example: REFORM 52 SFSP12-40C-80-33-AD-WWB-00-10



Inner ring colour: **BLACK**



Inner ring colour: **WHITE**



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ELECTRON

Ceiling Surface

REFORM 75 Surface Spot

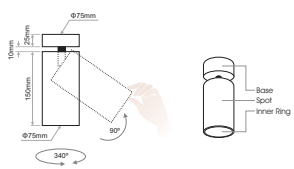
- Reform 75 is series of downlights available recessed or surface.
- It is available in round form.
- Power consumption : 23.5watt and 18watt.
- Beam angle varies from 17 to 50 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<15 /black inner ring).

CREE LEDs

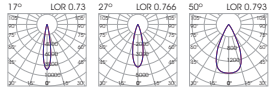
Model (LED Power)	CCT*	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
		80 (80)	90 (90)			(XXX)		(XX)
REFORM 75 Surface Spot 18W (REFORM 75 SFSP18)	2700K (27C)	2067lm	1794lm	17° (17)	Adjustable (AD)	**Base** White (W) Black (B)	Without Driver (00)	Standard (0)
	3000K (30C)	2223lm	1931lm	27° (27)		**Spot** White (W) Black (B)	Non Dimmable (ND)	Honeycomb (1)
	4000K (40C)	2379lm	2067lm	50° (50)		**Inner Ring** White (W) Black (B)		Line spread lens (2)
	5000K (50C)	2223lm	2067lm					Softening lens (3)
REFORM 75 Surface Spot 23.5W (REFORM 75 SFSP24)	2700K (27C)	2919lm	2409lm					***EXTRAS***
	3000K (30C)	3102lm	2512lm					No Extras (0)
	4000K (40C)	3192lm	2663lm					Emergency** (1)
	5000K (50C)	3230lm	2791lm					

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** External.

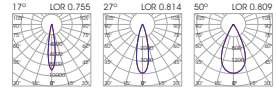
Ordering Code Example: REFORM 75 SFSP18-40C-80-50-AD-WWB-00-10



Inner ring colour: **BLACK**



Inner ring colour: **WHITE**



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DANDO FRAME SF

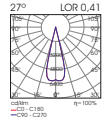
Ceiling Surface

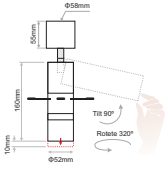
- Dando Frame SF is a surface downlight, ideal to highlight and elevate any artwork.
- It is also available in recessed version.
- Available in black or white as standard but custom colours also available upon request.
- Low UGR ensuring visual comfort (UGR<10).
- L90/B10 50.000h
- 3 SDCM

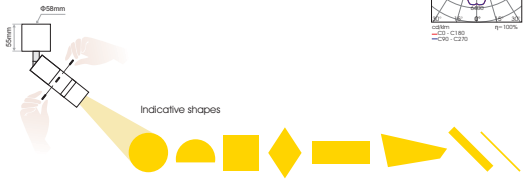
CREE LEDs

Model	LED Power	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Colour	Dimming Option
			80 (80)	90 (90)				
DANDO FRAME SF (DANDO FRAME SF)	12.8W (13)	2700K (27C)	1100lm	930lm	Adjustable (AD)	27° max (27)	White (WH)	Non-Dimmable (ND)
		3000K (30C)	1150lm	970lm			Black (BL)	Phase Cut (PC)
		4000K (40C)	1210lm	1090lm				48V PWM Dimmable (48)
		5000K (50C)	1225lm	1070lm				

Ordering Code Example: DANDO FRAME SF-13-30C-80-AD-27-WH-ND







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ELECTRON

Ceiling Surface

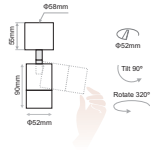
DANDO ZOOM SF

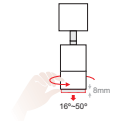
- Dando Zoom SF is a surface downlight, flexible due to its adjustable beam angle.
- It is also available in recessed version.
- Available in black or white as standard but custom colours also available upon request.
- Low UGR ensuring visual comfort (UGR<19).
- L90/B10 50.000h
- 3 SDCM

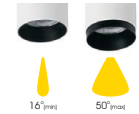
LIGHTSOURCE BY bridgelux

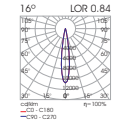
Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 (80)	90 (90)				
DANDO ZOOM SF (DANDO ZOOM SF)	12W (12)	2700K (27C)	1194lm	992lm	Adjustable (1650)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)
		3000K (30C)	1257lm	1055lm	16°(min)-50°(max)		Black (BL)	Phase Cut (PC)
		4000K (40C)	1307lm	1106lm				48V PWM Dimmable (48)

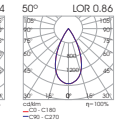
Ordering Code Example: DANDO ZOOM SF-12-30C-80-1650-AD-WH-ND











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LACERTA

Ceiling Surface

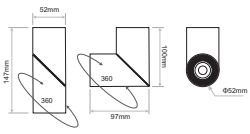
- LACERTA is a surface luminaire with a slim and elegant design, perfect solution for highly demanding spaces.
- Phase Cut Dimmable / Leading Edge only.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort.

CREE LEDs

Model (LED Power)	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Colour	Dimming Option
		80 *(80)*	90 *(90)*				
LACERTA 10W *(LACERTA 10)*	2700K *(27C)*	920lm	650lm	22° *(22)*	Adjustable *(AD)*	White/Black *(WB)*	230VAC Phase Cut Dimmable *(230D)* (Leading Edge)
	3000K *(30C)*	920lm	696lm	33° *(33)*			
	4000K *(40C)*	991lm	802lm	43° *(43)*			
	5700K *(57C)*	991lm	-				

* Available in other CCT upon request

Ordering Code Example:
LACERTA 10- 40C-90-33-AD-WB-230D



Ceiling Surface

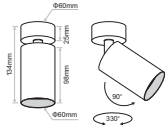
ADORNO Surface Spotlight Retrofit

- Adorno series surface spotlight with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.

Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO Surface Spotlight Retrofit *(ADORNO SFSR)*	White-Black (WB)	Adjustable *(AD)*	GU10 (max 7.5W) *(G1)*	Standard *(0)*
	White-White (WW)			Honeycomb *(1)*
	White-Gold (WG)			Linear Spread *(2)*
	Black-Black (BB)			Softening Lens *(3)*
	Black-White (BW)			Spread Lens *(4)*
	Black-Gold (BG)			

Lamp
Not included

Ordering Code Example:
ADORNO SFSR-WB-AD-G1-1



ADORNO SF Retrofit

Ceiling Surface

- Adorno series surface light with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.

Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
ADORNO SF Retrofit *(ADORNO SFR)*	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*	Standard *(0)* Honeycomb *(1)* Linear Spread *(2)* Softening Lens *(3)* Spread Lens *(4)*

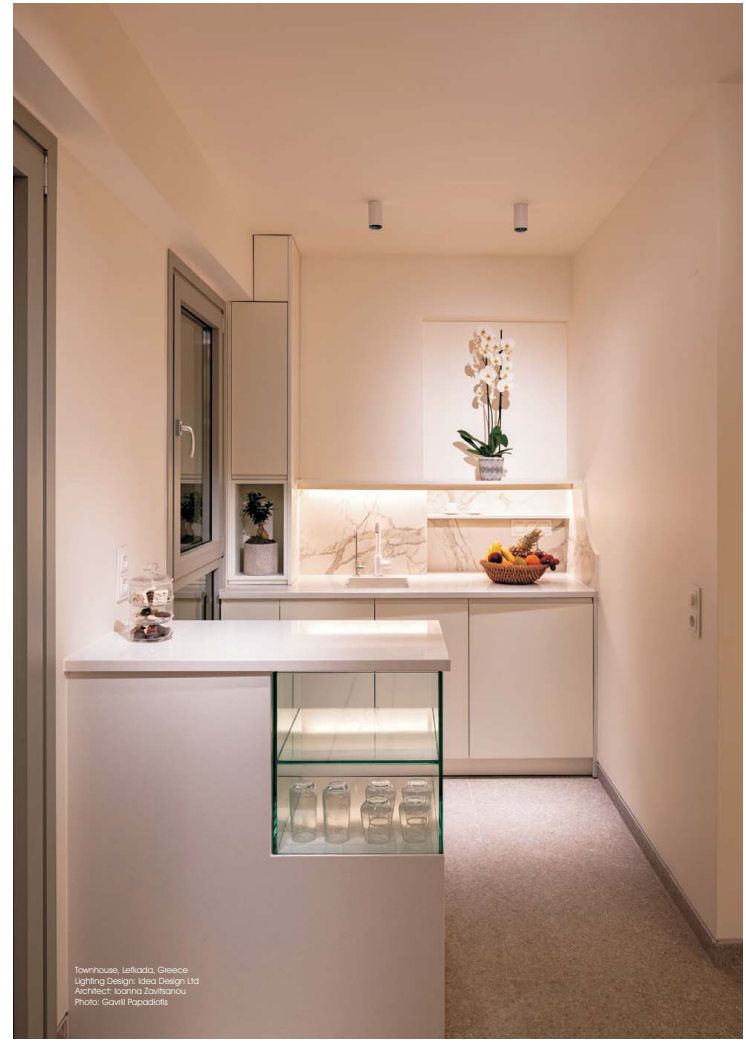
Lamp
Not included

Ordering Code Example:
ADORNO SFR-WB-FX-G1-1

Honeycomb Linear Spread Softening Lens Spread Lens

White-Black White-White White-Gold

Black-Black Black-White Black-Gold


Townhouse, Lefkada, Greece
Lighting Design: Idea Design Ltd
Architect: Ioanna Zavitsanou
Photo: Gavill Papadiotis

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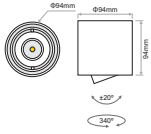
MORETTO

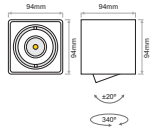
Ceiling Surface

- Moretto series of surface luminaires is available in single round or square and in double square form.
- It is available in white or black colour.
- It is supplied either with Bridgelux LED or with GU10 lamp holder (max 7.5W).
- 3SDCM
- L90/B10 50.000h

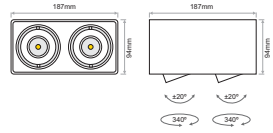
Round



Square



Square Double



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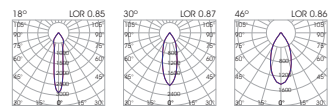
LIGHTSOURCE BY bridgelux.

Model	Shape	LED Power per LED	CCT*	CRI80, CRI90 LED Source per LED		Beam Angle	Type	Colour	Dimming Option
				80 *(80)*	90 *(90)*				
MORETTO *(MORETTO)*	Round *(R)* Square *(S)* Square Double *(SD)*	**6.1W** *(06)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	*785lm* *817lm* *850lm*	*654lm* *681lm* *730lm*	18° *(18)* 30° *(30)* 46° *(46)*	Adjustable *(AD)*	White *(WH)* Black *(BL)*	230VAC *(230ND)* Non-Dimmable 230VAC *(230D)* Phase Cut Dimmable
		8.9W *(09)*	2700K *(27B)* 3000K *(30B)* 4000K *(40B)*	*1089lm* *1135lm* *1180lm*	*908lm* *946lm* *1014lm*				

* Models with CCTs of 3500K, 5000K & 6500K are available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *MORETTO R 09-40B-90-46-AD-WH-230ND*



Model	Shape	Lamp Holder per Lamp	Type	Colour
MORETTO Retrofit *(MORETTO RF)*	Round *(R)* Square *(S)* Square Double *(SD)*	GU10 (max 7.5W) *(G1)*	Adjustable *(AD)*	White *(WH)* Black *(BL)*

Lamp Not Included

Ordering Code Example: *MORETTO RR-G1-AD-BL*

TALUS

Ceiling Surface

- TALUS fixed downlight is available for surface or pendant installation.
- With a consumption of up to 31W is suitable for applications that require high lumen output.
- Available in black or white colour.
- 3 SDCM
- L90/B10 50.000h

LIGHTSOURCE BY bridgelux.

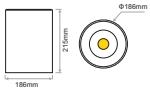
Model (LED Power*)	CCT**	CRI80, CRI90 LED Source 80 (80)	90 (90)	Type	Beam Angle	Colour	Dimming Option***	Accessories
								ANTI-GLARE SHIELD
TALUS Surface 23.9W *(TALUS SF 24)*	2700K (27B)	3621lm	2987lm	Fixed (FX)	20° (20)	White (WH)	Without Driver (00)	White Matt (1X)
TALUS Pendant 23.9W *(TALUS PD 24)*	3000K (30B)	3847lm	3123lm		40° (40)	Black (BL)	Non Dimmable (ND)	Black Matt (2X)
	4000K (40B)	3960lm	3304lm		60° (60)		Analogue (1-10V) (A1)	Gold Matt (3X)
	5700K (57B)	3847lm	-				DMX (DX)	(XX)
							DALI (DL)	
							Push Button (PB)	EXTRAS
							Phase Cut (PC)	No Extras (ND)
TALUS Surface 31.3W *(TALUS SF 31)*	2700K (27B)	4510lm	3721lm					
TALUS Pendant 31.3W *(TALUS PD 31)*	3000K (30B)	4792lm	3890lm					
	4000K (40B)	4923lm	4115lm					
	5700K (57B)	4792lm	-					

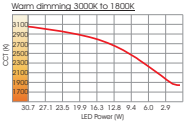
Warm Dimmable

		CRI95	LED Source
TALUS WD Surface 30.7W *(TALUS WD SF 31)*	Warm Dimmable 1800K–3000K (WD)	95 (95)	2840lm
TALUS WD Pendant 30.7W *(TALUS WD PD 31)*			

* In 31W models the driver must be externally installed.
** Models with CCTs of 3500K, 5000K & 6500K are available upon request.
*** DMX drivers for Pendant (24W & 31W) and 31W Surface models must be externally installed.

Ordering Code Example: *TALUS SF31-30B-80-FX-60-BL-DL-20*





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ELECTRON

Ceiling Surface

LYRA

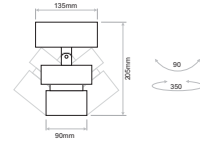
- LYRA is a surface projector available in 15 watt.
- Available in black or white colour.
- 3 SDCM
- L90/B10 - 50.000h

LIGHTSOURCE BY bridgelux.

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
LYRA 14.7W *(LYRA 15)*	2700K (27B)	1230lm	Adjustable (AD)	70* (70)	16° (16)	White (WH)	230VAC Non-Dimmable (ND)
	3000K (30B)	1340lm		80 (80)	40° (40)	Black (BL)	
	3500K (35B)	1420lm					
	4000K (40B)	1500lm					
	5000K (50B)	1680lm					
	5600K (56B)	1680lm					

* 5000K & 5600K only available in CRI70.

Ordering Code Example: *LYRA 15-30B-AD-80-40-BL-ND*



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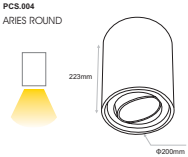
ARIES

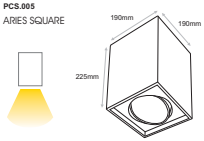
Ceiling Surface

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.004	ARIES ROUND	AR111	100W	12VAC	Not included	3.4Kg	IP20
PCS.005	ARIES SQUARE	AR111	100W	12VAC	Not included	4.5Kg	IP20

PCS.004
ARIES ROUND



PCS.005
ARIES SQUARE

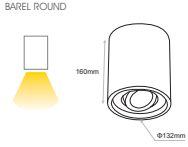


Ceiling Surface

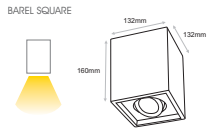
BAREL

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.001	BAREL ROUND	Gx5.3	35W	12VAC	Not included	1.2Kg	IP20
PCS.002	BAREL SQUARE	Gx5.3	35W	12VAC	Not included	1.6Kg	IP20

PCS.001
BAREL ROUND



PCS.002
BAREL SQUARE



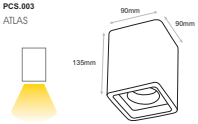
ATLAS

Ceiling Surface

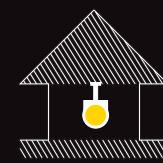
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.003	ATLAS	GU10	35W	220-240VAC	Not included	1.98Kg	IP20

Plaster luminaires

PCS.003
ATLAS



INTERIOR PENDANT



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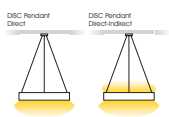
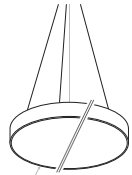
ELECTRON

DISC PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Interior Pendant

- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40





Ø270, Ø400, Ø580, Ø850, Ø1130, Ø1420mm

80mm

LED source efficacy up to 216lm/W (4000K)
Luminaire efficacy up to 148lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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Pendant Direct

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC Pendant Direct High Power *(DISC PDD HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 11.9W / 27cm *(12WD27)* 26.2W / 40cm *(26WD40)* 57.4W / 58cm *(58WD58)* 123.8W / 85cm *(124WD85)* 214.8W / 113cm *(215W113)* 336.6W / 142cm *(337W142)*	≥ 80 *(80)* **3000K** *1910lm* *3970lm* *8670lm* *17980lm* *31060lm* *49550lm*	≥ 80 *(80)* **4000K** *2070lm* *4170lm* *9110lm* *18900lm* *32650lm* *52200lm*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue *(A1)* (1-10V) DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)* Metal tube****1.2m *(X70)* (without wire ropes)
DISC Pendant Direct High Efficiency *(DISC PDD HE)*			HIGH EFFICIENCY 4.5W / 27cm *(05WD27)* 9.8W / 40cm *(10WD40)* 21.2W / 58cm *(21WD58)* 45.7W / 85cm *(46WD85)* 79.4W / 113cm *(80W113)* 124.4W / 142cm *(124W142)*	≥ 80 *(80)* **3000K** *810lm* *1680lm* *3640lm* *7430lm* *12830lm* *20590lm*	≥ 80 *(80)* **4000K** *880lm* *1770lm* *3830lm* *7810lm* *13490lm* *21700lm*	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<22), Low UGR (UGR<19)
**** Metal tube is not available for 27cm.

Ordering Code Example: DISC PDD HP-BL-30-58W058-80-LG-230-ND-011

Pendant Direct-Indirect

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
DISC Pendant Direct-Indirect High Power *(DISC PDDI HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K 3000K *(3030)* 3000K 4000K *(3040)* 4000K 4000K *(4040)* 4000K 3000K *(4030)*	HIGH POWER 17.9W / 27cm *(18WD27)* 40.4W / 40cm *(40WD40)* 87.8W / 58cm *(88WD58)* 187.6W / 85cm *(188WD85)* 324.8W / 113cm *(325W113)* 503.7W / 142cm *(504W142)*	≥ 80 *(80)* **3000K** DIRECT-INDIRECT *1910lm* *3970lm* *8670lm* *17980lm* *31060lm* *49550lm*	≥ 80 *(80)* **4000K** DIRECT-INDIRECT *2070lm* *4170lm* *9110lm* *18900lm* *32650lm* *52200lm*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue *(A1)* (1-10V) DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
DISC Pendant Direct-Indirect High Efficiency *(DISC PDDI HE)*			HIGH EFFICIENCY 6.8W / 27cm *(07WD27)* 14.8W / 40cm *(15WD40)* 32W / 58cm *(32WD58)* 70W / 85cm *(70WD85)* 118.6W / 113cm *(119W113)* 184.3W / 142cm *(184W142)*	≥ 80 *(80)* **3000K** DIRECT-INDIRECT *810lm* *450lm* *1680lm* *900lm* *3640lm* *1830lm* *7430lm* *4140lm* *12830lm* *6450lm* *20590lm* *9940lm*	≥ 80 *(80)* **4000K** DIRECT-INDIRECT *880lm* *460lm* *1770lm* *980lm* *3830lm* *1910lm* *7810lm* *4350lm* *13490lm* *6780lm* *21700lm* *10450lm*	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<22), Low UGR (UGR<19)

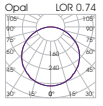
Ordering Code Example: DISC PDDI HE-BL-30-32W058-80-LU-230-ND-011

DISC PDD						
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
DISC PDDI						
HIGH POWER	18W	40W	88W	188W	325W	504W
HIGH EFFICIENCY	7W	15W	32W	70W	119W	184W
Weight	1.18Kgs	2.59Kgs	4.48Kgs	9.40Kgs	15.30Kgs	23.70Kgs

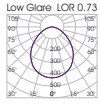
Direct

HIGH POWER

Opal LOR 0.74

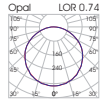


Low Glare LOR 0.73

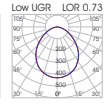


HIGH EFFICIENCY

Opal LOR 0.74



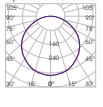
Low UGR LOR 0.73



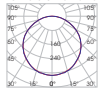
Indirect

HIGH POWER

Opal LOR 0.78

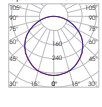


Low Glare LOR 0.78

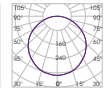


HIGH EFFICIENCY

Opal LOR 0.78

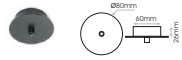


Low UGR LOR 0.78



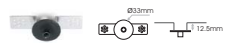
Canopies & Suspension

1.Cable SF (Surface)



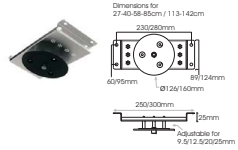
2.Cable RC (Recessed)

3.Cable TR (Trimless)

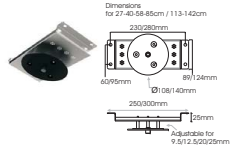


4.Hybrid SF (Surface)

5.Hybrid RC (Recessed)



6.Hybrid TR (Trimless)



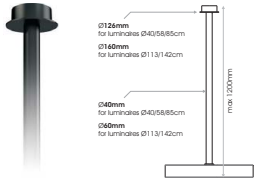
Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm
for 40cm - 40cm
for 58cm - 60cm

for 85cm - 85cm
for 113cm - 110cm
for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

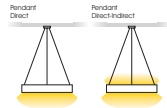
7.Metal Tube Suspension
(only for Pendant Direct models)

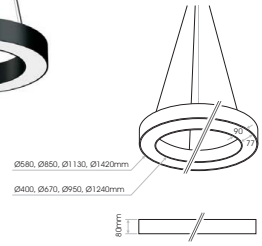


ECLIPSE PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Interior Pendant

- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40





LED source efficacy up to 199lm/W (4000K)
Luminaire efficacy up to 115lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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Pendant Direct

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Pendant Direct High Power *(ECLIPSE PDD HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 46.2W / 58cm *(46W058)* 75W / 85cm *(75W085)* 104.5W / 113cm *(105W113)* 134.1W / 142cm *(134W142)*	≥ 80 *(80)* **3000K** 6910lm 11070lm 15490lm 19960lm	≥ 80 *(80)* **4000K** 7310lm 11740lm 16390lm 21100lm	Opal *(OP)* Low Glare *(LG)****	230VAC *(230)*	Non Dimmable *(ND)* Analogue *(A1)* (1-10V) DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
ECLIPSE Pendant Direct High Efficiency *(ECLIPSE PDD HE)*			HIGH EFFICIENCY 17.6W / 58cm *(18W058)* 26.7W / 85cm *(27W085)* 37.2W / 113cm *(37W113)* 47.8W / 142cm *(48W142)*	≥ 80 *(80)* **3000K** 2940lm 4450lm 6230lm 8020lm	≥ 80 *(80)* **4000K** 3110lm 4720lm 6590lm 8480lm	Opal *(OP)* Low UGR *(LU)****			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE PDD HP-BL-30-105W113-80-LG-230-ND-011

Pendant Direct-Indirect

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Pendant Direct-Indirect High Power *(ECLIPSE PDDI HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(3030)* 3000K *(3040)* 4000K *(4040)* 4000K *(4030)*	HIGH POWER 69.3W / 58cm *(69W058)* 112.5W / 85cm *(113W085)* 156.8W / 113cm *(157W113)* 201.2W / 142cm *(201W142)*	≥ 80 *(80)* **3000K** DIRECT-INDIRECT 6910lm / 3535lm 11070lm / 5660lm 15490lm / 7920lm 19960lm / 10206lm	≥ 80 *(80)* **4000K** DIRECT-INDIRECT 7310lm / 3740lm 11740lm / 6000lm 16390lm / 8380lm 21100lm / 10790lm	Opal *(OP)* Low Glare *(LG)****	230VAC *(230)*	Non Dimmable *(ND)* Analogue *(A1)* (1-10V) DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
ECLIPSE Pendant Direct-Indirect High Efficiency *(ECLIPSE PDDI HE)*			HIGH EFFICIENCY 26.3W / 58cm *(26W058)* 40W / 85cm *(40W085)* 55.9W / 113cm *(56W113)* 71.7W / 142cm *(72W142)*	≥ 80 *(80)* **3000K** DIRECT-INDIRECT 2940lm / 1540lm 4450lm / 2340lm 6230lm / 3280lm 8020lm / 4220lm	≥ 80 *(80)* **4000K** DIRECT-INDIRECT 3110lm / 1628lm 4720lm / 2480lm 6590lm / 3470lm 8480lm / 4460lm	Opal *(OP)* Low UGR *(LU)****			

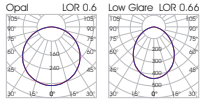
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE PDDI HP-BL-30-157W113-80-LG-230-ND-011

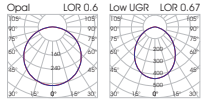
	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
ECLIPSE PDD				
HIGH POWER	46W	75W	105W	134W
HIGH EFFICIENCY	18W	27W	37W	48W
ECLIPSE PDDI				
HIGH POWER	69W	113W	157W	201W
HIGH EFFICIENCY	26W	40W	56W	72W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

Direct

HIGH POWER

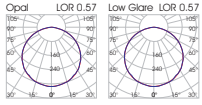


HIGH EFFICIENCY

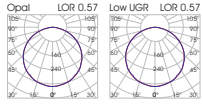


Indirect

HIGH POWER

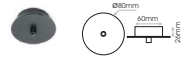


HIGH EFFICIENCY



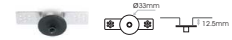
Canopies & Suspension

1.Cable SF (Surface)



2.Cable RC (Recessed)

3.Cable TR (Trimless)



4.Hybrid SF (Surface)

5.Hybrid RC (Recessed)

6.Hybrid TR (Trimless)

Minimum allowed ceiling-luminaire distances for Hybrid canopies

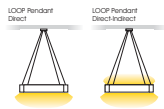
for 27cm - 35cm	for 85cm - 85cm
for 40cm - 40cm	for 113cm - 110cm
for 58cm - 60cm	for 142cm - 160cm

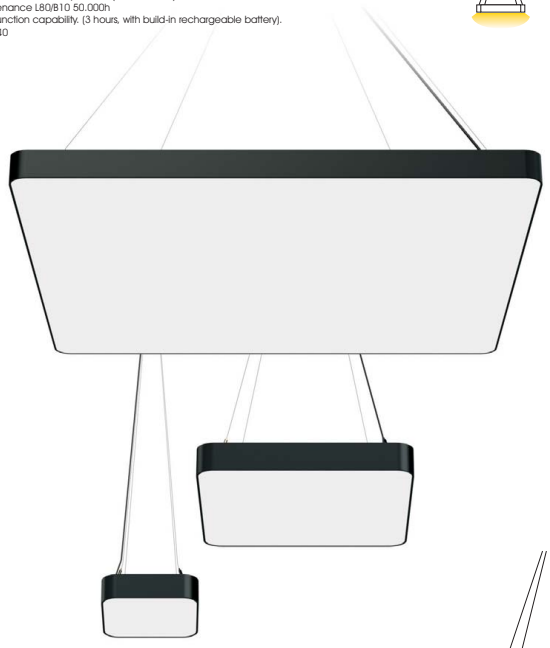
For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

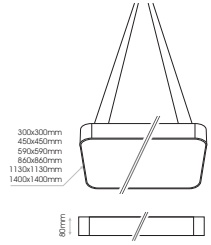
LOOP PDD/PDDI
(Pendant Direct/Pendant Direct-Indirect)

Interior Pendant

- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18,6*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40







LED source efficacy up to 203lm/W (4000K)
Luminaire efficacy up to 138lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

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Pendant Direct

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
LOOP Pendant Direct High Power *(LOOP PDD HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	**HIGH POWER**	> 80 *(80)* **3000K**	> 80 *(80)* **4000K**	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)* Metal tube****1.2m *(X70)* (without wire ropes)
			17.6W / 30x30cm *(18W3030)*	*2660lm*	*2780lm*				
			39.5W / 45x45cm *(40W4545)*	*5860lm*	*6160lm*				
			75W / 59x59cm *(75W5959)*	*10720lm*	*11270lm*				
			153.5W / 86x86cm *(154W8686)*	*22150lm*	*23290lm*				
			272.8W / 113x113cm *(273W113113)*	*39380lm*	*41400lm*				
			426.3W / 140x140cm *(426W140140)*	*61540lm*	*64700lm*				
LOOP Pendant Direct High Efficiency *(LOOP PDD HE)*			**HIGH EFFICIENCY**	> 80 *(80)* **3000K**	> 80 *(80)* **4000K**	Opal *(OP)* Low UGR *(LU)* ***			
			6.6W / 30x30cm *(07W3030)*	*1130lm*	*1180lm*				
			13.4W / 45x45cm *(13W4545)*	*2250lm*	*2370lm*				
			25.9W / 59x59cm *(26W5959)*	*4200lm*	*4410lm*				
			58.3W / 86x86cm *(58W8686)*	*9450lm*	*9930lm*				
			103.7W / 113x113cm *(104W113113)*	*16790lm*	*17650lm*				
			162W / 140x140cm *(162W140140)*	*26230lm*	*27580lm*				

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21,8), Low UGR (UGR<18,6)
**** Metal tube is not available for 27cm.

Ordering Code Example: LOOP PDD HP-BL-30-154W8686-80-LG-230-ND-011

Pendant Direct-Indirect

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
LOOP Pendant Direct-Indirect High Power *(LOOP PDDI HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(3030)* 4000K *(3040)* 4000K *(4040)* 3000K *(4030)*	**HIGH POWER**	> 80 *(80)* **3000K** DIRECT-INDIRECT	> 80 *(80)* **4000K** DIRECT-INDIRECT	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
			26W / 30x30cm *(26W3030)*	*2660lm* *1400lm*	*2780lm* *1440lm*				
			59.7W / 45x45cm *(60W4545)*	*5860lm* *2990lm*	*6160lm* *3120lm*				
			114.5W / 59x59cm *(115W5959)*	*10720lm* *5860lm*	*11270lm* *6160lm*				
			235.3W / 86x86cm *(235W8686)*	*22150lm* *11570lm*	*23290lm* *12160lm*				
			409.4W / 113x113cm *(409W113113)*	*39380lm* *20900lm*	*41400lm* *21820lm*				
			641.1W / 140x140cm *(641W140140)*	*61540lm* *29720lm*	*64700lm* *31230lm*				
LOOP Pendant Direct-Indirect High Efficiency *(LOOP PDDI HE)*			**HIGH EFFICIENCY**	> 80 *(80)* **3000K** DIRECT-INDIRECT	> 80 *(80)* **4000K** DIRECT-INDIRECT	Opal *(OP)* Low UGR *(LU)* ***			
			9.4W / 30x30cm *(09W3030)*	*1130lm* *550lm*	*1180lm* *560lm*				
			20.6W / 45x45cm *(21W4545)*	*2250lm* *1220lm*	*2370lm* *1280lm*				
			39.3W / 59x59cm *(39W5959)*	*4200lm* *2250lm*	*4410lm* *2370lm*				
			87.5W / 86x86cm *(88W8686)*	*9450lm* *4690lm*	*9930lm* *4930lm*				
			152.3W / 113x113cm *(152W113113)*	*16790lm* *8390lm*	*17650lm* *8760lm*				
			242.2W / 140x140cm *(242W140140)*	*26230lm* *12770lm*	*27580lm* *13420lm*				

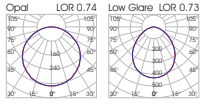
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<21,8), Low UGR (UGR<18,6)

Ordering Code Example: LOOP PDDI HE-BL-30-88W8686-80-LU-230-ND-011

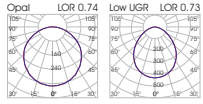
LOOP PDD						
HIGH POWER	18W	40W	75W	154W	273W	426W
HIGH EFFICIENCY	7W	13W	26W	58W	104W	162W
LOOP PDDI						
HIGH POWER	26W	60W	115W	235W	409W	641W
HIGH EFFICIENCY	9W	21W	39W	88W	152W	242W
Weight	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

Direct

HIGH POWER

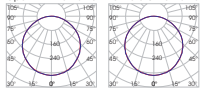


HIGH EFFICIENCY

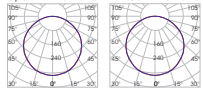


Indirect

HIGH POWER

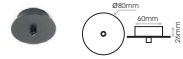


HIGH EFFICIENCY



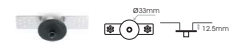
Canopies & Suspension

1.Cable SF (Surface)



2.Cable RC (Recessed)

3.Cable TR (Trimless)



4.Hybrid SF (Surface)

5.Hybrid RC (Recessed)

6.Hybrid TR (Trimless)

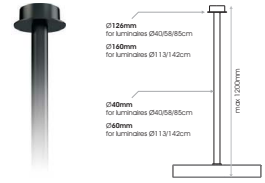
Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm
for 40cm - 40cm
for 58cm - 60cm

for 85cm - 85cm
for 113cm - 110cm
for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

7.Metal Tube Suspension
(only for Pendant Direct models)

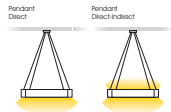


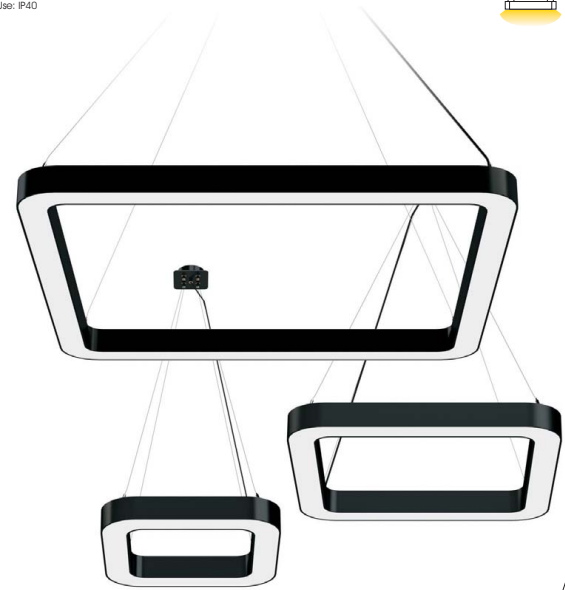
ORBIT PDD/PDDI

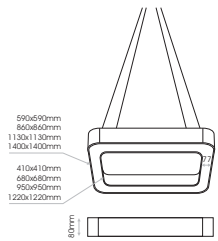
(Pendant Direct/Pendant Direct-Indirect)

Interior Pendant

- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<20.8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40







LED source efficacy up to 202lm/W (4000K)
Luminaire efficacy up to 117lm/W (4000K)

Available upon request:

✓ *Custom luminaire colours*
✓ *Emergency version*

*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20

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Pendant Direct

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Pendant Direct High Power *(ORBIT PDD HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(30)* 4000K *(40)*	HIGH POWER 61.6W / 59x59cm *(62W5959)* 93.6W / 86x86cm *(94W8686)* 128.7W / 113x113cm *(129W113113)* 163.9W / 140x140cm *(164W140140)*	> 80 *(80)* **3000K** *9210lm* *14050lm* *19320lm* *24590lm*	> 80 *(80)* **4000K** *9750lm* *14860lm* *20430lm* *26000lm*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
ORBIT Pendant Direct High Efficiency *(ORBIT PDD HE)*			HIGH EFFICIENCY 23.4W / 59x59cm *(23W5959)* 32.8W / 86x86cm *(33W8686)* 45.1W / 113x113cm *(45W113113)* 57.4W / 140x140cm *(57W140140)*	> 80 *(80)* **3000K** *3920lm* *5560lm* *7650lm* *9730lm*	> 80 *(80)* **4000K** *4150lm* *5880lm* *8090lm* *10290lm*	Opal *(OP)* Low UGR *(LU)* ***			

* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: *ORBIT PDD HP-WH-30-94W8686-80-LG-230-ND-011*

Pendant Direct-Indirect

LIGHTSOURCE BY SAMSUNG

IP40

Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Pendant Direct-Indirect High Power *(ORBIT PDDI HP)*	White *(WH)* Black *(BL)* Grey *(GR)*	3000K *(3030)* 3000K *(3040)* 4000K *(4040)* 4000K *(4030)*	HIGH POWER 92.5W / 59x59cm *(93W5959)* 144.5W / 86x86cm *(145W8686)* 194.1W / 113x113cm *(194W113113)* 251W / 140x140cm *(251W140140)*	> 80 *(80)* **3000K** DIRECT-INDIRECT *9210lm* *4610lm* *14050lm* *7770lm* *19320lm* *10140lm* *24590lm* *13520lm*	> 80 *(80)* **4000K** DIRECT-INDIRECT *9750lm* *5070lm* *14860lm* *8540lm* *20430lm* *11150lm* *26000lm* *14870lm*	Opal *(OP)* Low Glare *(LG)* ***	230VAC *(230)*	Non Dimmable *(ND)* Analogue (1-10V) *(A1)* DALI *(DL)* Wireless *(WL)*	***Fuction*** Standard *(0XX)* Emergency *(1XX)* ***Canopy - Wire Rope Lenght*** No Canopy - 1.5m *(X00)* 3m *(X01)* Cable SF - 1.5m *(X10)* 3m *(X11)* Cable RC - 1.5m *(X20)* 3m *(X21)* Cable TR - 1.5m *(X30)* 3m *(X31)* Hybrid SF - 1.5m *(X40)* 3m *(X41)* Hybrid RC - 1.5m *(X50)* 3m *(X51)* Hybrid TR - 1.5m *(X60)* 3m *(X61)*
ORBIT Pendant Direct-Indirect High Efficiency *(ORBIT PDDI HE)*			HIGH EFFICIENCY 33.8W / 59x59cm *(34W5959)* 50W / 86x86cm *(50W8686)* 65.8W / 113x113cm *(66W113113)* 84.9W / 140x140cm *(85W140140)*	> 80 *(80)* **3000K** DIRECT-INDIRECT *3920lm* *1770lm* *5560lm* *2980lm* *7650lm* *3640lm* *9730lm* *4850lm*	> 80 *(80)* **4000K** DIRECT-INDIRECT *4150lm* *1940lm* *5880lm* *3280lm* *8090lm* *4000lm* *10290lm* *5330lm*	Opal *(OP)* Low UGR *(LU)* ***			

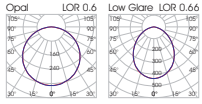
* Custom luminaire colours available upon request.
** Available in CRI90 upon request.
*** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: *ORBIT PDDI HE-WH-30-66W113113-80-LU-230-ND-011*

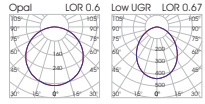
	590x590mm	860x860mm	1130x1130mm	1400x1400mm
ORBIT PDD				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
ORBIT PDDI				
HIGH POWER	93W	145W	194W	251W
HIGH EFFICIENCY	34W	50W	66W	85W
Weight	4.40Kgs	6.66Kgs	9Kgs	11.9Kgs

Direct

HIGH POWER

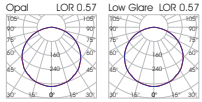


HIGH EFFICIENCY

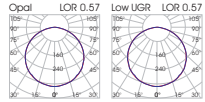


Indirect

HIGH POWER

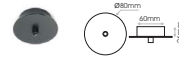


HIGH EFFICIENCY



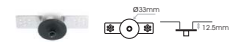
Canopies & Suspension

1.Cable SF (Surface)



2.Cable RC (Recessed)

3.Cable TR (Trimless)



4.Hybrid SF (Surface)

5.Hybrid RC (Recessed)

6.Hybrid TR (Trimless)

Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm	- 35cm	for 85cm	- 85cm
for 40cm	- 40cm	for 113cm	- 110cm
for 58cm	- 60cm	for 142cm	- 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

AURIGA

Interior Pendant

- AURIGA is a slim pendant luminaire available in non-dimmable version.
- Available in white colour.
- 3 SDCM
- L90/B10 - 50.000h

LIGHTSOURCE BY bridgelux

Model (LED Power)	CCT	LED Source / per LED	Type	CRI	Beam Angle	Colour	Dimming Option
AURIGA 6.4W *(AURIGA 6)*	2700K *(27B)*	505lm	Fixed *(FX)*	70* *(70)*	33° *(33)*	White *(WH)*	Non-Dimmable 230VAC *(ND)*
	3000K *(30B)*	550lm		80 *(80)*	47° *(47)*		
	4000K *(40B)*	590lm		90** *(90)*	65° *(65)*		
	5600K *(56B)*	685lm					

* 5600K only available in CRI 70
** CRI 90 only for 2700K & 3000K

Ordering Code Example: *AURIGA 6- 30B-70-47-FX-WH-ND*

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ELECTRON

Interior Pendant

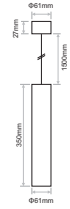
ADORNO Pendant Retrofit

- Adorno series pendant light with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.

Model	Outer Colour - Inner Colour	Type	Lamp Holder
ADORNO PD Retrofit *(ADORNO PDR)*	White-Black *(WB)*	Fixed *(FX)*	GU10 (max 7.5W) *(G1)*
	White-White *(WW)*		
	White-Gold *(WG)*		
	Black-Black *(BB)*		
	Black-White *(BW)*		
	Black-Gold *(BG)*		

Lamp
Not included

Ordering Code Example: *ADORNO PDR-WB-FX-G1*



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SIENA S

Interior Pendant

- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere Φ50 and Sphere Φ70mm.
- Luminaire body material: aluminium
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90/B10 50.000h
- 3SDCM

Spot 6.5W

Acrylic 6.5W

Interior Pendant

Sphere 4.5W

Sphere 6.5W

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LIGHTSOURCE BY bridgelux

Model	Type	LED Power/ per spot	CCT	CRI90 LED Source per spot	Beam Angle	Colour	Dimming Option**
				90 (90)			
SIENA S *(SIENA S)*	**Spot** *(SP)*	**6.5W** *(07)*	2700K *(27C)*	*615lm*	15° *(15)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
			3000K *(30C)*	*635lm*	36° *(36)*	White *(WH)*	24V PWM Dimmable *(24V)*
			4000K *(40C)*	*680lm*		Gold* *(GD)*	48V PWM Dimmable *(48V)*
							Phace Cut Dimmable** *(PC)*
	ACRYLIC *(AC)*				Diffused *(DF)*		
	Sphere *(S5)* **D:50mm**	**4.5W** *(05)*	2700K *(27C)*	*462lm*	18° *(18)*		
			3000K *(30C)*	*475lm*	36° *(38)*		
			4000K *(40C)*	*511lm*			
	Sphere *(S7)* **D:70mm**	**6.5W** *(07)*	2700K *(27C)*	*650lm*			
			3000K *(30C)*	*680lm*			
			4000K *(40C)*	*720lm*			

* Gold only available for S5 and S7 models.
** Phase cut dimming for SP, AC,S7 only available in 4,5Watt. Trailing edge dimmers only.

Ordering Code Example: *SIENA S-AC-07-30C-90-DF-BL-230ND*

Spot 6.5W

Acrylic 6.5W

Sphere 4.5W

Sphere 6.5W

SIENA S-SP-07-30C-90-15-BL-230ND

SIENA S-SP-07-30B-90-36-BL-230ND

SIENA S-AC-07-30C-90-DF-BL-230ND

SIENA S-S5-05-30C-90-18-BL-230ND

SIENA S-S5-05-30B-90-36-BL-230ND

SIENA S-S7-07-30C-90-18-BL-230ND

SIENA S-S7-07-30B-90-36-BL-230ND

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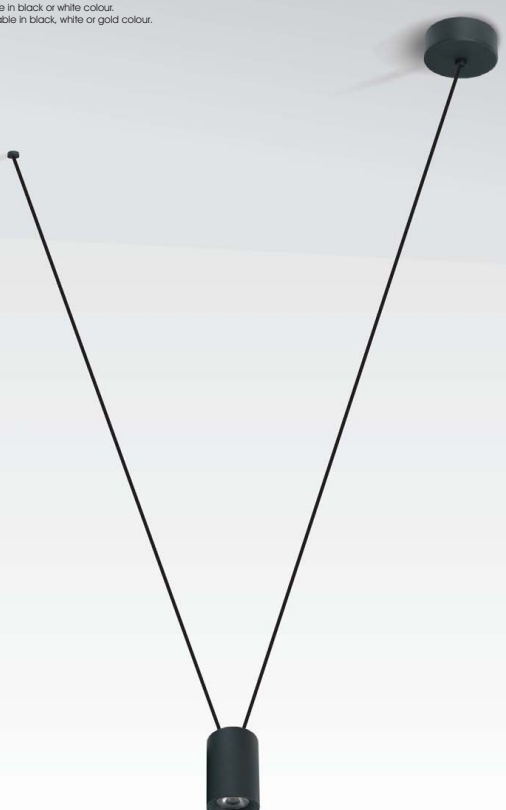
SIENA V

Interior Pendant

- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere Φ50 and Sphere Φ70mm.
- Luminaire body material: aluminium
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90/B10 50.000h
- 3SDCM



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SIENA V

SIENA V3

SIENA V5

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LIGHTSOURCE BY bridgelux

Model	Type	LED Power/ per spot	CCT	CRI90 LED Source per spot	Beam Angle	Colour	Dimming Option**
				90 *(90)*			
SIENA V *(SIENA V)*	**Spot** *(SP)*	**6.5W** *(07)*	2700K *(27C)*	*615lm*	15° *(15)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
			3000K *(30C)*	*635lm*	36° *(36)*	White *(WH)*	24V PWM Dimmable *(24V)*
			4000K *(40C)*	*680lm*		Gold* *(GD)*	48V PWM Dimmable *(48V)*
							Phace Cut Dimmable** *(PC)*
	ACRYLIC *(AC)*				Diffused *(DF)*		
	Sphere *(S5)* **D:50mm**	**4.5W** *(05)*	2700K *(27C)*	*462lm*	18° *(18)*		
			3000K *(30C)*	*475lm*	36° *(38)*		
			4000K *(40C)*	*511lm*			
	Sphere *(S7)* **D:70mm**	**6.5W** *(07)*	2700K *(27C)*	*650lm*			
			3000K *(30C)*	*680lm*			
			4000K *(40C)*	*720lm*			
SIENA V3 *(SIENA V3)*							Non Dimmable *(ND)*
							48V PWM Dimmable *(48V)*
SIENA V5 *(SIENA V5)*							Phace Cut Dimmable *(PC)*
							DALI *(DL)*
							Analogue (1-10V) *(A1)*
							Push Button *(PB)*

* Gold only available for S5 and S7 models.
** Phase cut dimming for SP, AC,S7 only available in 4,5Watt. Trailing edge dimmers only.

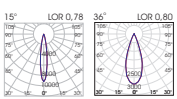
Ordering Code Example: *SIENA V-AC-07-30C-90-DF-BL-230ND*

Spot 6.5W

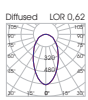
Acrylic 6.5W

Sphere 4.5W

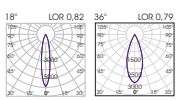
Sphere 6.5W



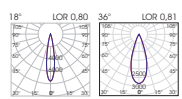
SIENA S-SP-07-30C-90-15-BL-230ND
SIENA S-SP-07-30B-90-36-BL-230ND



SIENA S-AC-07-30C-90-DF-BL-230ND

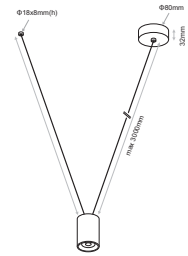


SIENA S-S5-05-30C-90-18-BL-230ND
SIENA S-S5-05-30B-90-36-BL-230ND

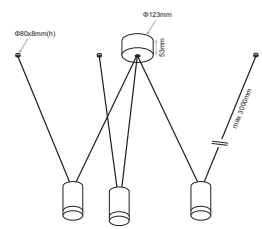


SIENA S-S7-07-30C-90-18-BL-230ND
SIENA S-S7-07-30B-90-36-BL-230ND

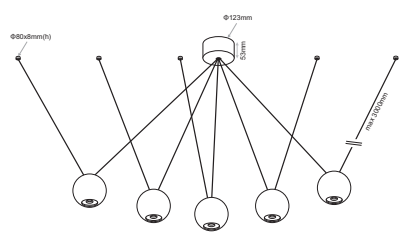
SIENA V



SIENA V3



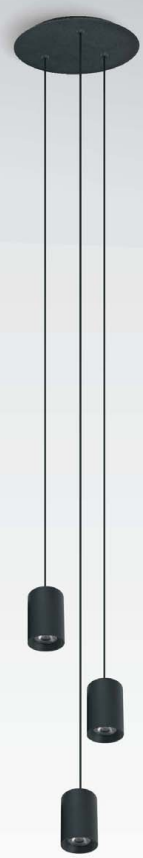
SIENA V5

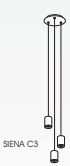


SIENA C

Interior Pendant

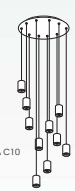
- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere Φ50 and Sphere Φ70mm.
- Luminaire body material: aluminium
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90/B10 50.000h
- 3SDCM



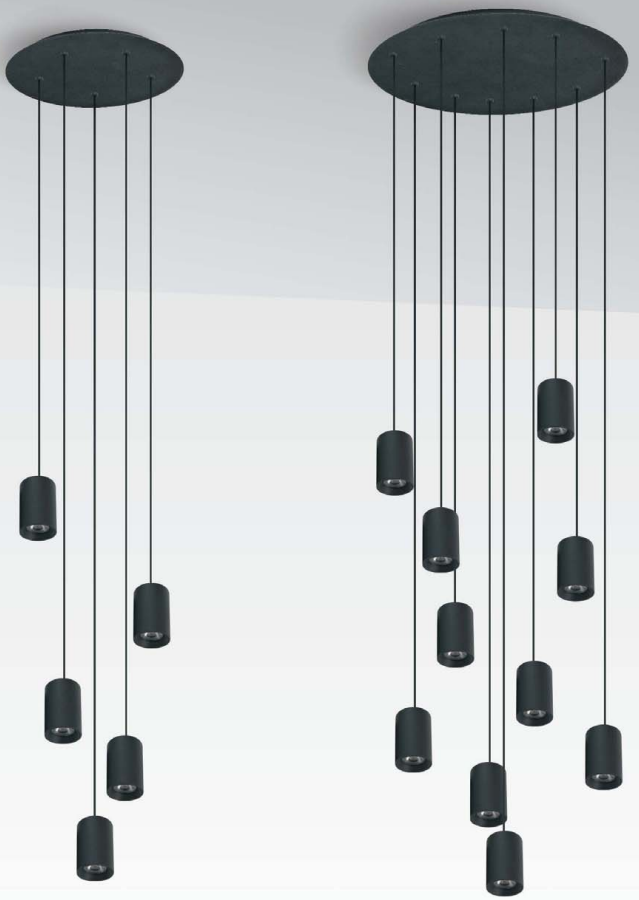


SIENA C3

SIENA C5



SIENA C10

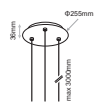


LIGHTSOURCE BY bridgelux.

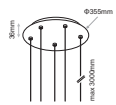
Model	Type	LED Power/ per spot	CCT	CRI90 LED Source per spot	Beam Angle	Colour	Dimming Option
				90 *(90)*			
SIENA C3 *(SIENA C3)*	**Spot** *(SP)*	**6.5W** *(07)*	2700K *(27C)*	615lm	15° *(15)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
SIENA C5 *(SIENA C5)*			3000K *(30C)*	635lm	36° *(36)*	White *(WH)*	48V PWM Dimmable *(48V)*
SIENA C10 *(SIENA C10)*			4000K *(40C)*	680lm		Gold* *(GD)*	Phace Cut Dimmable *(PC)*
	ACRYLIC *(AC)*				Diffused *(DF)*		DALI *(DL)*
							Analogue (1-10V) *(A1)*
	Sphere *(S5)* D:50mm	**4.5W** *(05)*	2700K *(27C)*	462lm	18° *(18)*		Push Button *(PB)*
			3000K *(30C)*	475lm	36° *(38)*		Wireless *(WL)*
			4000K *(40C)*	511lm			
	Sphere *(S7)* D:70mm	**6.5W** *(07)*	2700K *(27C)*	650lm			
			3000K *(30C)*	680lm			
			4000K *(40C)*	720lm			

* Gold only available for S5 and S7 models.

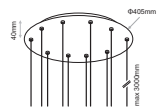
Ordering Code Example: *SIENA C5-AC-07-30C-90-DF-BL-230ND*



SIENA C3



SIENA C5



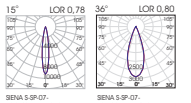
SIENA C10

Spot 6.5W

Acrylic 6.5W

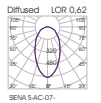
Sphere 4.5W

Sphere 6.5W

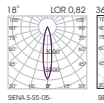


SIENA S-SP-07-30C-90-15-BL-230ND

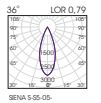
SIENA S-SP-07-30B-90-36-BL-230ND



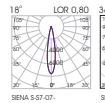
SIENA S-AC-07-30C-90-DF-BL-230ND



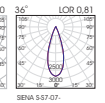
SIENA S-S5-05-30C-90-18-BL-230ND



SIENA S-S5-05-30B-90-36-BL-230ND



SIENA S-S7-07-30C-90-18-BL-230ND



SIENA S-S7-07-30B-90-36-BL-230ND

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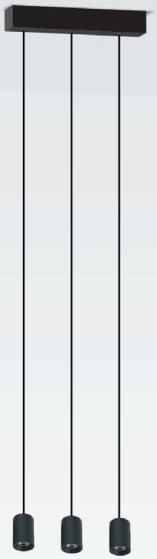
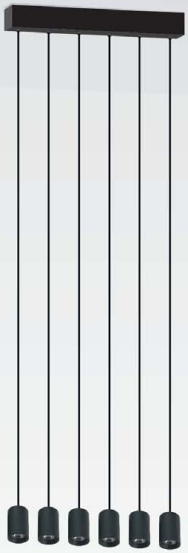
SIENA RT

Interior Pendant

- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere Φ50 and Sphere Φ70mm.
- Luminaire body material: aluminium
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90/B10 50.000h
- 3SDCM



SIENA RT3



SIENA RT6

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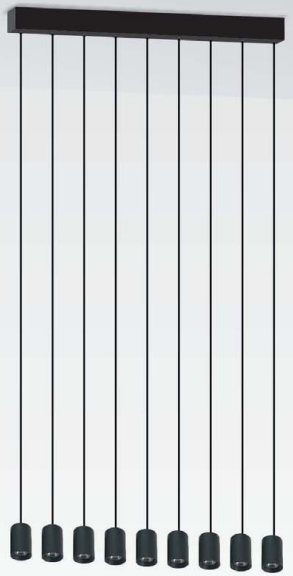
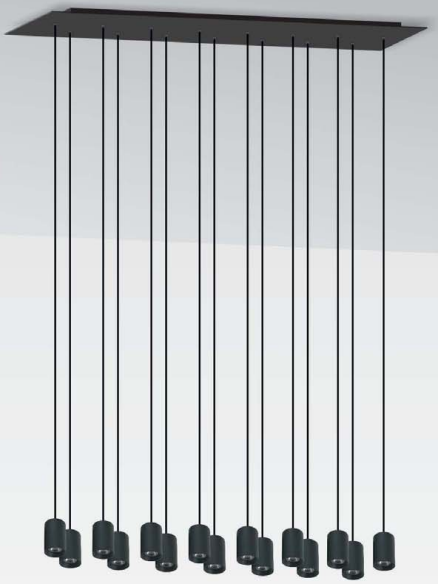
ELECTRON

Interior Pendant



SIENA RT9



SIENA RT13

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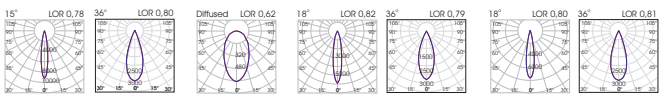
LIGHTSOURCE BY bridgelux.

Model	Type	LED Power/ per spot	CCT	CRI90 LED Source per spot	Beam Angle	Colour	Dimming Option
				90 *(90)*			
SIENA RT3 *(SIENA RT3)*	**Spot** *(SP)*	**6.5W** *(07)*	2700K *(27C)*	615lm	15° *(15)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
			3000K *(30C)*	635lm	36° *(36)*	White *(WH)*	48V PWM Dimmable *(48V)*
SIENA RT6 *(SIENA RT6)*			4000K *(40C)*	680lm		Gold* *(GD)*	Phace Cut Dimmable *(PC)*
	ACRYLIC *(AC)*				Diffused *(DF)*		DALI *(DL)*
SIENA RT9 *(SIENA RT9)*							Analogue (1-10V) *(A1)*
							Push Button *(PB)*
SIENA RT13 *(SIENA RT13)*	**Sphere** *(S5)* D:50mm	**4.5W** *(05)*	2700K *(27C)*	462lm	18° *(18)*		Wireless *(WL)*
			3000K *(30C)*	475lm	36° *(38)*		
			4000K *(40C)*	511lm			
	Sphere *(S7)* D:70mm	**6.5W** *(07)*	2700K *(27C)*	650lm			
			3000K *(30C)*	680lm			
			4000K *(40C)*	720lm			

* Gold only available for S5 and S7 models.

Ordering Code Example: *SIENA RT6-AC-07-30C-90-DF-BL-230ND*

Spot 6.5W | Acrylic 6.5W | Sphere 4.5W | Sphere 6.5W



SIENA S-SP-07-30C-90-15-BL-230ND | SIENA S-SP-07-30B-90-36-BL-230ND | SIENA S-AC-07-30C-90-DF-BL-230ND | SIENA S-S5-05-30C-90-18-BL-230ND | SIENA S-S5-05-30B-90-36-BL-230ND | SIENA S-S7-07-30C-90-18-BL-230ND | SIENA S-S7-07-30B-90-36-BL-230ND

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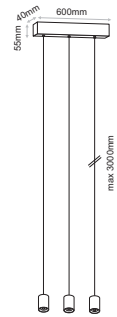
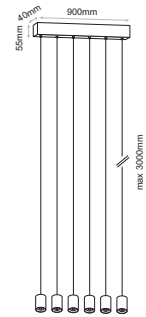
ELECTRON

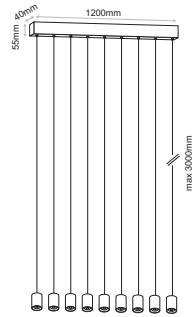
SIENA RT3



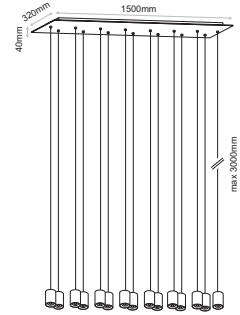
SIENA RT6



SIENA RT9



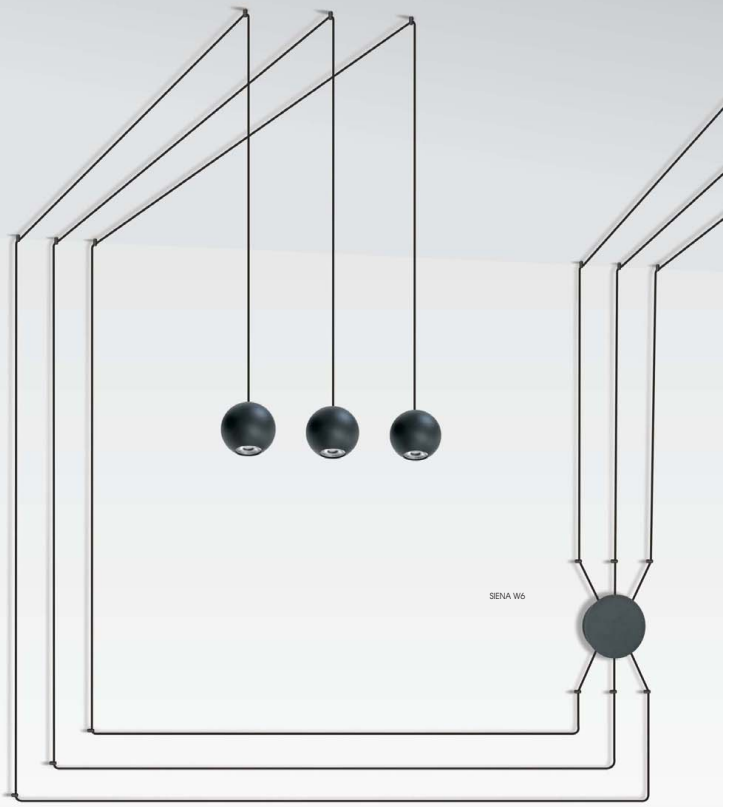
SIENA RT13



SIENA W

Interior Pendant

- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere Φ50 and Sphere Φ70mm.
- Luminaire body material: aluminium
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90/B10 50.000h
- 3SDCM



SIENA W6

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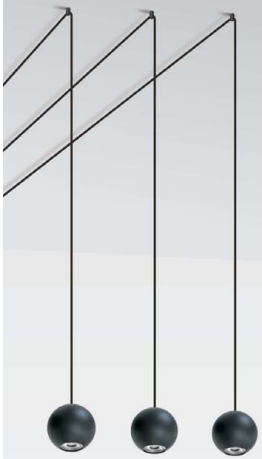
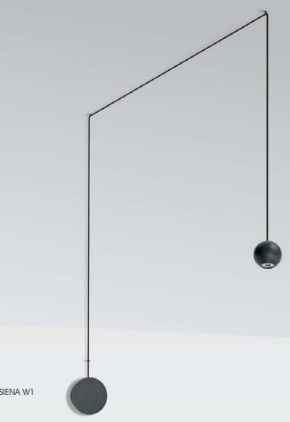
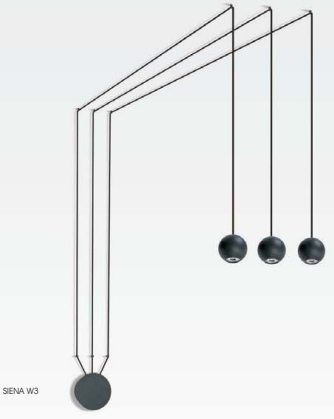
ELECTRON

Interior Pendant





SIENA W1



SIENA W3

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LIGHTSOURCE BY bridgelux

Model	Type	LED Power/ per spot	CCT	CRI90 LED Source per spot	Beam Angle	Colour	Dimming Option
				90 (90)			
SIENA W1 *(SIENA W1)*	**Spot** *(SP)*	**6.5W** *(07)*	2700K *(27C)*	*615lm*	15° *(15)*	Black *(BL)*	230VAC Non-Dimmable *(230ND)*
			3000K *(30C)*	*635lm*	36° *(36)*	White *(WH)*	48V PWM Dimmable *(48V)*
SIENA W3 *(SIENA W3)*			4000K *(40C)*	*680lm*		Gold* *(GD)*	Phace Cut Dimmable *(PC)*
	ACRYLIC *(AC)*				Diffused *(DF)*		DALI *(DL)*
SIENA W6 *(SIENA W6)*							Analogue (1-10V) *(A1)*
	Sphere *(S5)* **D:50mm**	**4.5W** *(05)*	2700K *(27C)*	*462lm*	18° *(18)*		Push Button *(PB)*
			3000K *(30C)*	*475lm*	36° *(38)*		Wireless *(WL)*
			4000K *(40C)*	*511lm*			
	Sphere *(S7)* **D:70mm**	**6.5W** *(07)*	2700K *(27C)*	*650lm*			
			3000K *(30C)*	*680lm*			
			4000K *(40C)*	*720lm*			

* Gold only available for S5 and S7 models.

Ordering Code Example: *SIENA W3-AC-07-30C-90-DF-BL-230ND*

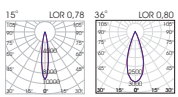
Spot 6.5W

Acrylic 6.5W

Sphere 4.5W

Sphere 6.5W

Cable Holder



SIENA S-SP-07-30C-90-15-BL-230ND

SIENA S-SP-07-30B-90-36-BL-230ND

SIENA S-AC-07-30C-90-DF-BL-230ND

SIENA S-S5-05-30C-90-18-BL-230ND

SIENA S-S5-05-30B-90-36-BL-230ND

SIENA S-S7-07-30C-90-18-BL-230ND

SIENA S-S7-07-30B-90-36-BL-230ND

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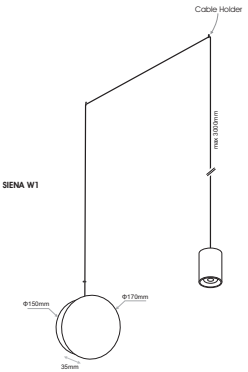
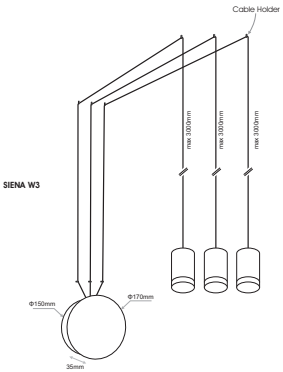
ELECTRON

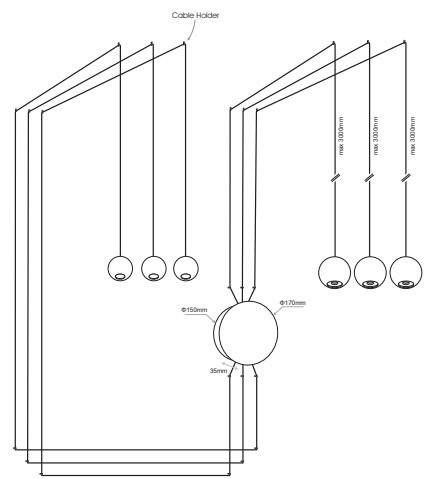
SIENA W1



SIENA W3



SIENA W6



NEBBIA C

Interior Pendant

- Nebbia series consists of pendant decorative luminaires that add an elegant touch into any space.
- Nebbia C is available in five different sizes and shapes.
- Lamp material: glass with a ring effect.
- Lamp holder main material: marble.
- It is available monochromatic <1800K.

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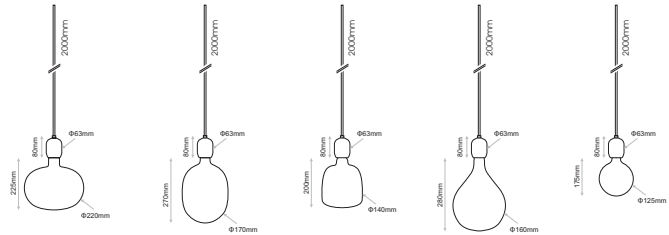
ELECTRON

Model	LED Power	Dimensions	CCT*	CRI90 LED Source	Beam Angle	Dimming Option	Lamp Holder Colour
				90 *(90)*			
NEBBIA C *(NEBBIA C)*	**4W** *(04)*	Φ220x225(h) *(220)* Φ170x270(h) *(170)* Φ140x200(h) *(140)* Φ160x280(h) *(160)* Φ125x175(h) *(125)*	<1800K *(18)*	*100lm*	Diffused *(DF)*	230VAC *(230D)* Dimmable	White *(WH)* Black *(BL)* Grey *(GR)* Green *(GN)*

Ordering Code Example: *NEBBIA C-04-160-18-90-DF-230D-BL*

Lamp Holders Marble

White Black Grey Green



Φ220x225(h) Φ170x270(h) Φ140x200(h) Φ160x280(h) Φ125x175(h)

NEBBIA P

Interior Pendant

- Nebbia series consists of pendant decorative luminaires that add an elegant touch into any space.
- Nebbia P is available in five different sizes and shapes.
- Lamp material: glass with a porcelain effect.
- Lamp holder main material: marble.
- It is available monochromatic <2200K.

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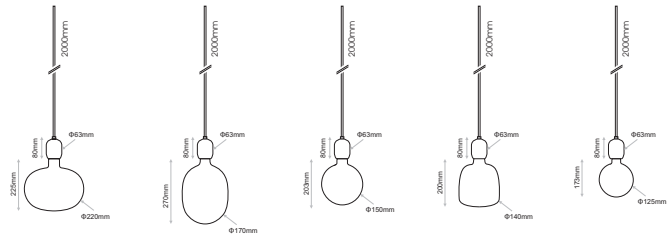
ELECTRON

Model	LED Power	Dimensions	CCT*	CRI90 LED Source	Beam Angle	Dimming Option	Lamp Holder Colour
				90 *(90)*			
NEBBIA P *(NEBBIA P)*	**4W** *(04)*	Φ220x225(h) *(220)* Φ170x270(h) *(170)* Φ150x203(h) *(150)* Φ140x200(h) *(140)* Φ125x173(h) *(125)*	<2200K *(22)*	*100lm*	Diffused *(DF)*	230VAC *(230D)* Dimmable	White *(WH)* Black *(BL)* Grey *(GR)* Green *(GN)*

Ordering Code Example: *NEBBIA P-04-170-22-90-DF-230D-BL*

Lamp Holders Marble

White Black Grey Green



Φ220x225(h) Φ170x270(h) Φ150x203(h) Φ140x200(h) Φ125x173(h)

NEBBIA S

Interior Pendant

- Nebbia series consists of pendant decorative luminaires that add an elegant touch into any space.
- Nebbia S is available in four different sizes and shapes.
- Lamp material: glass with a silky effect.
- Lamp holder main material: marble.
- It is available monochromatic <1800K.

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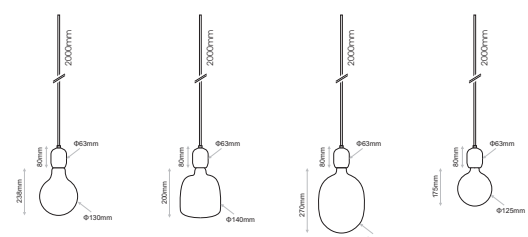
ELECTRON

Model	LED Power	Dimensions	CCT	CRI90 *LED Source*	Beam Angle	Dimming Option	Lamp Holder Colour
				90 *(90)*			
NEBBIA S *(NEBBIA S)*	**4W** *(04)*	Φ130x238(h) *(130)* Φ140x200(h) *(140)* Φ170x270(h) *(170)* Φ125x175(h) *(125)*	<1800K *(18)*	*140lm*	Diffused *(DF)*	230VAC *(230D)* Dimmable	White *(WH)* Black *(BL)* Grey *(GR)* Green *(GN)*

Ordering Code Example: *NEBBIA S-04-170-18-90-DF-230D-BL*

Lamp Holders Marble

White Black Grey Green



Φ130x238(h) Φ140x200(h) Φ170x270(h) Φ125x175(h)

ELECTRON

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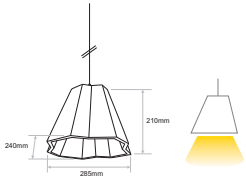
JERIS

Interior Pendant

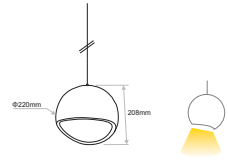
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCP.001	JERIS	E27	40W	220-240VAC	Not included	3.1Kg	IP20

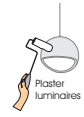


Interior Pendant

IRIS

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCP.002	IRIS	E27	40W	220-240VAC	Not included	3.4Kg	IP20

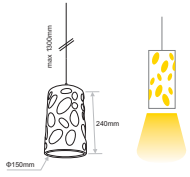




METIS

Interior Pendant

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCP.003	METIS	E27	40W	220-240VAC	Not included	2Kg	IP20



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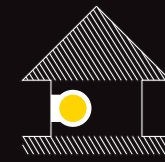
ELECTRON

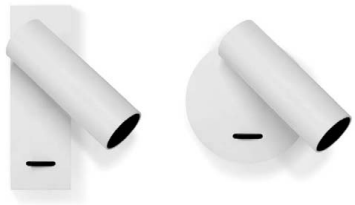
INTERIOR WALL SURFACE RECESSED



STAY

Interior Wall Surface, Recessed

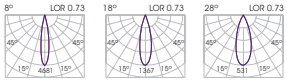
- Recessed slim wall light available in round or rectangular shape.
- Ideal to be used as a reading light.
- Available in different degrees.

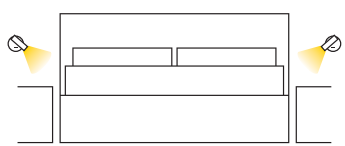


CREE LEDs

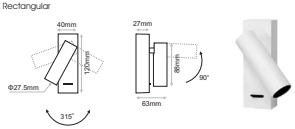
Model	Shape	CCT	CRI80, CRI90 LED Source		Beam Angle	Colour	Voltage
			80 *(80)*	90 *(90)*			
STAY Surface 2W *(STAY SF2)*	Round *(RD)* Rectangular *(RT)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)*	*160lm* *165lm* *170lm*	*150lm* *157lm* *165lm*	8° *(08)* 18° *(18)* 28° *(28)*	White *(WH)* Black *(BL)*	230V Non Dimmable *(230ND)*

Ordering Code Example: *STAY SF2-RD-30C-90-18-BL-230ND*

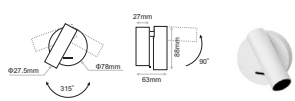




Rectangular



Round



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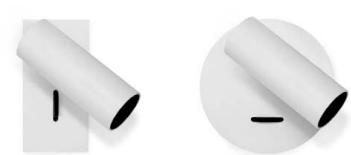
ELECTRON

Interior Wall Surface, Recessed

STAY RC

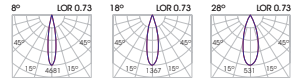
- Recessed slim wall light available in round or rectangular shape.
- Ideal to be used as a reading light.
- Available in different degrees.

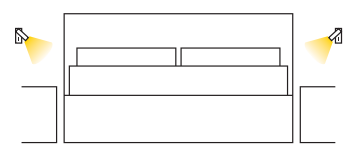


CREE LEDs

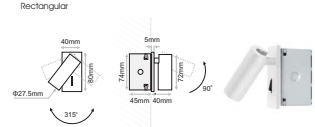
Model	Shape	CCT	CRI80, CRI90 LED Source		Beam Angle	Colour	Voltage
			80 *(80)*	90 *(90)*			
STAY Recessed 2W *(STAY RC2)*	Round *(RD)* Rectangular *(RT)*	2700K *(27C)* 3000K *(30C)* 4000K *(40C)*	*160lm* *165lm* *170lm*	*150lm* *157lm* *165lm*	8° *(08)* 18° *(18)* 28° *(28)*	White *(WH)* Black *(BL)*	230V Non Dimmable *(230ND)*

Ordering Code Example: *STAY RC2-RD-30C-90-18-BL-230ND*

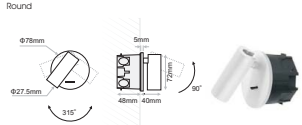




Rectangular



Round



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SYLVA S

Interior Wall Surface, Recessed

- SYLVA S is a reading light available with concealed lighting and a spotlight to illuminate a specific area.
- It can be custom made with one switch.
- It can be custom made with USB socket (no concealed lighting).

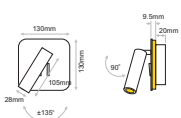
Model*	Watt	CCT**	Voltage	Colour	Dimensions	IP Rate
SYLVA S	10W	3000K	230VAC	Black White	130x130mm	IP20

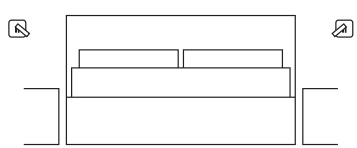
IP20

*Available with one switch upon request.
**Available in different CCT upon request.
***Available with USB upon request.

Black

White





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ELECTRON

Interior Wall Surface, Recessed

SYLVA L / SYLVA R

- SYLVA L & R are reading lights available with concealed lighting, a spotlight and USB socket.
- It can be custom made with one switch.

USB

SYLVA L

SYLVA R

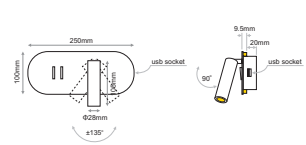
Model*	Watt	CCT**	Voltage	Colour	Dimensions	IP Rate
SYLVA L	10W	3000K	230VAC	Black White	130x130mm	IP20
SYLVA R	10W	3000K	230VAC	Black White	130x130mm	IP20

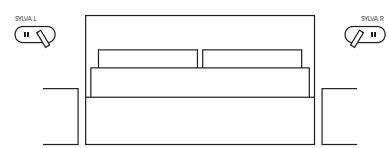
IP20

*Available with one switch upon request.
**Available in different CCT upon request.

Black

White





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NAMOS

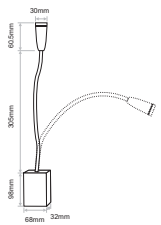
Interior Wall Surface, Recessed

- NAMOS reading light with gooseneck, available in white colour.

CREE LEDs

IP20

Code	Watt	CCT	Colour	Dimensions	Beam Angle	Voltage	IP Rate	
LWI.001	3W	3000K	White	Head: 30x60.5mm Base: 98x68x32mm	20°	230VAC	IP20	Dimmable



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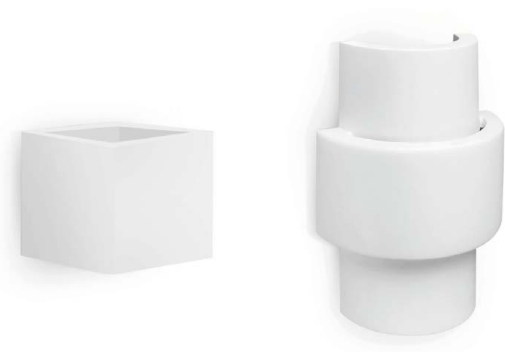
ELECTRON

Interior Wall Surface, Recessed

CUBE PL / FAROS-P

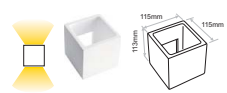


IP20

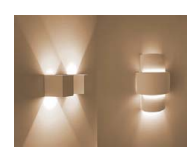
Plaster

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.001	CUBE PL	G9	40W	220-240VAC	Not included	0.68Kg	IP20
PWM.011	FAROS-P	E14	40W	220-240VAC	Not included	2.41Kg	IP20

PWM.001
CUBE PL



PWM.011
FAROS-P



PRICL / BOWL / CURB

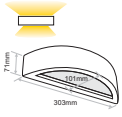
Interior Wall Surface, Recessed

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.005	PRICL	E14	40W	220-240VAC	Not included	0.82Kg	IP20
PWM.006	BOWL	E14	40W	220-240VAC	Not included	0.76Kg	IP20
PWM.007	CURB	2xE14	2x40W	220-240VAC	Not included	1.32Kg	IP20

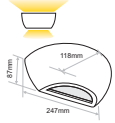
IP20

Plaster

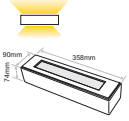
PWM.005
PRICL



PWM.006
BOWL



PWM.007
CURB



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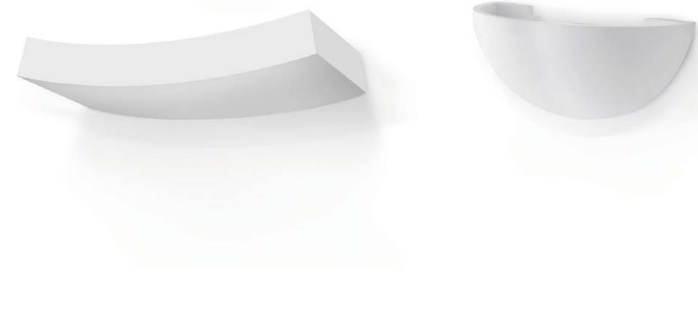
Interior Wall Surface, Recessed

WAVE / JUGER

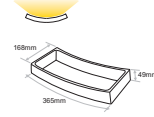


Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.002	WAVE	R7S	100W	220-240VAC	Not included	2.08Kg	IP20
PWM.004	JUGER	E14	40W	220-240VAC	Not included	1.1Kg	IP20

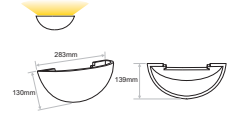
IP20

Plaster

PWM.002
WAVE



PWM.004
JUGER



CAFÉ / MENSA

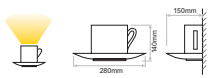
Interior Wall Surface, Recessed

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.010	CAFÉ	G9	40W	220-240VAC	Not included	1.10Kg	IP20
PWM.014	MENSA	E14	40W	220-240VAC	Not included	1.50Kg	IP20

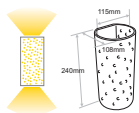
IP20

Plaster

PWM.010
CAFÉ



PWM.014
MENSA



ELECTRON

Interior Wall Surface, Recessed

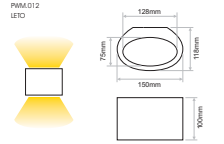
LETO / JUNO

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.012	LETO	G9	40W	220-240VAC	Not included	0.75Kg	IP20
PWM.013	JUNO	G9	40W	220-240VAC	Not included	0.50Kg	IP20

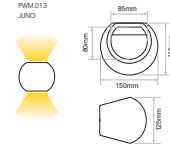
IP20

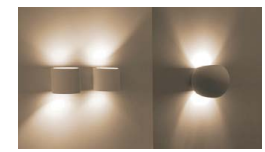
Plaster

PWM.012
LETO



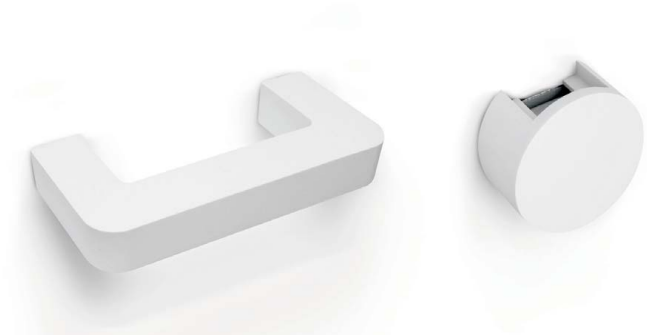
PWM.013
JUNO





EUROPA / IDA

Interior Wall Surface, Recessed



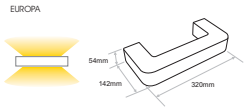
Code	Model	CCT	Watt	Constant Current	LED	Weight	IP Rate
PWM.015	EUROPA	3000K	1x3W	700mA	Included	1.05Kg	IP20
PWM.016	IDA	3000K	2x2W	500mA	Included	0.60Kg	IP20

IP20

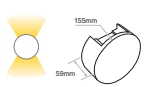
Plaster

* Available in 5000K & Blue upon request.

PWM.015
EUROPA



PWM.016
IDA



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Interior Wall Surface, Recessed

EMILOS / IKTINOS

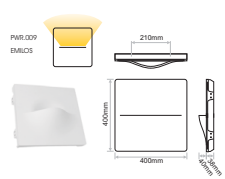
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight		IP Rate
PWR.009	EMILOS	G9	40W	220-240VAC	Not included	3.6Kg	402x402mm	IP20
PWR.008	IKTINOS	E14	40W	220-240VAC	Not included	3.9Kg	312x252mm	IP20

*Suitable for plasterboard 9mm-15mm

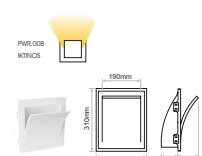
IP20

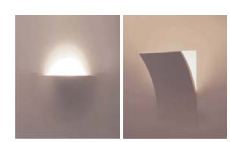
Plaster

PWR.009
EMILOS



PWR.008
IKTINOS





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URGO PL / URGO SLEEK

Interior Wall Surface, Recessed

Code	Model	CCT / Colour	Watt	Constant Current	LED	Lamp	Weight	IP Rate
PWR.001	URGO PL	5000K 3000K Blue	1x1W	350mA	Not included	0.64Kg	145x172mm	IP20
PWR.002	URGO SLEEK	5000K 3000K Blue	1x1W	350mA	Not included	0.64Kg	145x172mm	IP20

*Suitable for plasterboard 9mm-15mm

IP20

Plaster

Not included

LED Options

LED.302
1W /350mA / 5000K

LED.303
1W /350mA / 3000K

LED.304
1W /350mA / BLUE

PWR.001
URGO PL

PWR.002
URGO SLEEK

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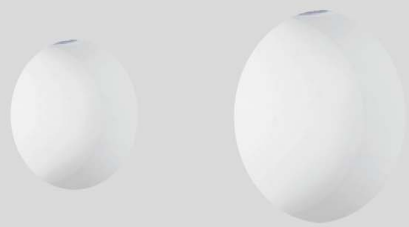
Interior Wall Surface, Recessed

CIRCLE PL / CIRCLE LPL



Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.004	CIRCLE PL	5000K 3000K Blue	1x1W	350mA	Not included	1.08Kg	162x182mm	IP20
PWR.003	CIRCLE LPL	5000K 3000K Blue	1x1W	350mA	Not included	1.30Kg	202x202mm	IP20

*Suitable for plasterboard 9mm-15mm

IP20

Plaster

Not included

LED Options

LED.302
1W /350mA / 5000K

LED.303
1W /350mA / 3000K

LED.304
1W /350mA / BLUE

PWR.004
CIRCLE PL

PWR.003
CIRCLE LPL

CERES L / CERES

Interior Wall Surface, Recessed

Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.012	CERES L	5000K 3000K Blue	1x1W	350mA	Not included	0.62Kg	182x122mm	IP20
PWR.013	CERES	5000K 3000K Blue	1x1W	350mA	Not included	0.62Kg	102x102mm	IP20

*Suitable for plasterboard 9mm-15mm

IP20

Plaster

Not included

LED Options

LED.302
1W /350mA / 5000K

LED.303
1W /350mA / 3000K

LED.304
1W /350mA / BLUE

PWR.012
CERES L

PWR.013
CERES

ELECTRON

Interior Wall Surface, Recessed

NECK / SHAPE / TEAR

Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.005	NECK	5000K 3000K Blue	1x1W	350mA	Not included	1.00Kg	145x232mm	IP20
PWR.006	SHAPE	5000K 3000K Blue	1x1W	350mA	Not included	0.88Kg	110x247mm	IP20
PWR.007	TEAR	5000K 3000K Blue	1x1W	350mA	Not included	1.18Kg	103x322mm	IP20

*Suitable for plasterboard 9mm-15mm

IP20

Plaster

Not included

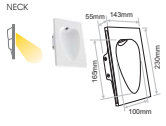
LED Options

LED.302
1W /350mA / 5000K

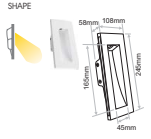
LED.303
1W /350mA / 3000K

LED.304
1W /350mA / BLUE

PWR.005
NECK



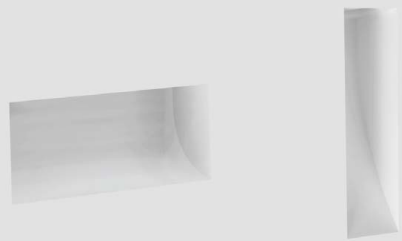
PWR.006
SHAPE



PWR.007
TEAR

MYRON / BEAM

Interior Wall Surface, Recessed



IP20

Plaster

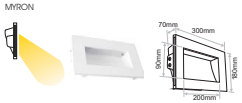
Code	Model	CCT	Watt	Constant Current	LED	Weight		IP Rate
PWR.010	MYRON	3000K	6.5W	350mA	Included	2.53Kg	302x182mm	IP20

*Suitable for plasterboard 9-15mm

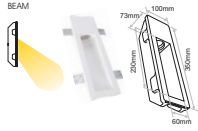
Code	Model	Lamp Holder	Watt	Voltage	LED	Weight		IP Rate
PWR.011	BEAM	Gx5.3 / MR16	35W	12VAC	Not included	1.53Kg	352x102mm	IP20

*Suitable for plasterboard 9-15mm

PWR.010
MYRON



PWR.011
BEAM



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Interior Wall Surface, Recessed

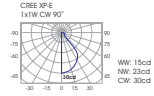
SATI

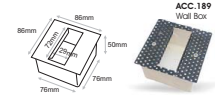
CREE LEDs

IP20

Code	No.LED	CCT*	Material	Curnet	Beam Angle	Colour of fitting**	Weight	IP Rate
ALW.038	1x1W	3000K	Aluminium	350mA	90°	White	0.06Kg	IP20

* Also available in 5000K upon request.
**Available in Black colour of fitting upon request.





ACC.189
Wall Box

LED DOT BEAM, LED DOT DOME/FROST

Interior Wall Surface, Recessed

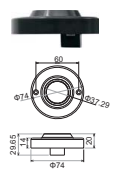
CREE LEDs

LED DOT BEAM

Code	No.LED	CCT* / Colour	Power Consumption	Operating Voltage	DIM	Beam Angle**
24°						
DOT.001	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2,5KHz	24°
DOT.002		3000K				
DOT.003		4000K				
DOT.004		AMBER				
DOT.005		BLUE				
DOT.006		GREEN				
DOT.007		RED				
40°						
DOT.008	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2,5KHz	40°
DOT.009		3000K				
DOT.010		4000K				
DOT.011		AMBER				
DOT.012		BLUE				
DOT.013		GREEN				
DOT.014		RED				

*Available in CCT 5000K upon request.
**Available in 16° upon request.

LED DOT BEAM

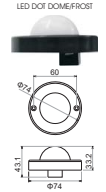


LED DOT DOME/FROST

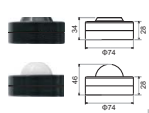
Code	No.LED	CCT* / Colour	Power Consumption	Operating Voltage	DIM	Beam Angle
DOT.015	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2,5KHz	120°
DOT.016		3000K				
DOT.017		4000K				
DOT.018		AMBER				
DOT.019		BLUE				
DOT.020		GREEN				
DOT.021		RED				

*Available in CCT 5000K upon request.

LED DOT DOME/FROST



ACC.086
Wall mounting ring for DOT



Wall Mounted

DOT BEAM
with recessed standard wall box

DOT DOME/FROST
with recessed standard wall box

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PROF
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AGARCH + ARCHITECTS

AWARD:
Best Resort
Best Landscape
Special jury award for the highest total score
Audience Award
100% Hotel DesignAwards 2015

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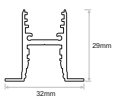
LINILINE RECESSED
Aluminium Profile

- Liniline recessed aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



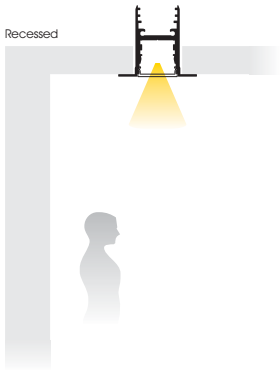


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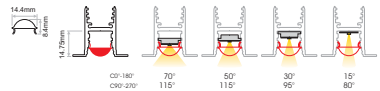
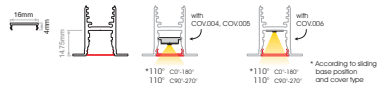
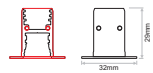
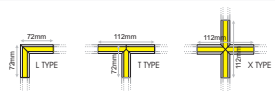
Image	Code	Description	Length	Design-Detail
	PRF.019	LINILINE RECESSED alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.009	END CAP ALUM.		
	PRH.042	RETENTION SPRING Note: Use 2 pcs for length up to 100cm, 3 pcs up to 150cm, 4 pcs up to 200cm		
	PRH.043 **PRH.044** **PRH.045** **PRH.046** **PRH.047** **PRH.048**	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.049 **PRH.050** **PRH.051**	L TYPE 90° LINILINE RECESSED T TYPE 90° LINILINE RECESSED X TYPE LINILINE RECESSED		
	PRH.052 **PRH.053**	VER-I CORNER 90° LINILINE RECESSED VER-O CORNER 90° LINILINE RECESSED		

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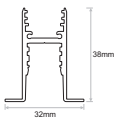
LINILINE RECESSED ANTIGLARE

Aluminium Profile

- Liniline recessed antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Recessed Antiglare

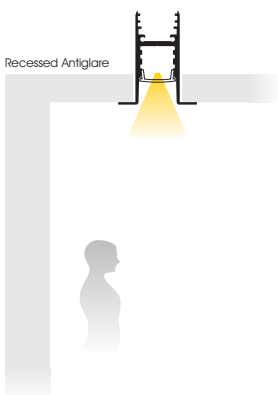


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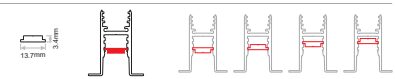
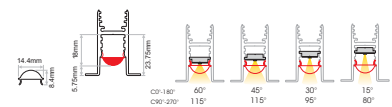
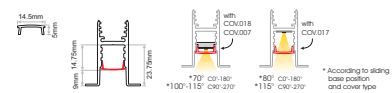
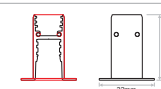
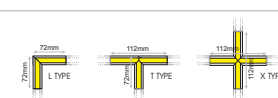
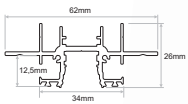
Image	Code	Description	Length	Design-Detail
	PRF.079	LINILINE RECESSED ANTIGLARE alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP.010	END CAP ALUM.		
	PRH.042	RETENTION SPRING Note: Use 2 pcs for length up to 100cm, 3 pcs up to 150cm, 4 pcs up to 200cm		
	PRH.043 **PRH.044** **PRH.045** **PRH.046** **PRH.047** **PRH.048**	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.054 **PRH.055** **PRH.056**	L TYPE 90° LINILINE RECESSED AG T TYPE 90° LINILINE RECESSED AG X TYPE LINILINE RECESSED AG		
	PRH.057 **PRH.058**	VER-I CORNER 90° LINILINE RECESSED AG VER-O CORNER 90° LINILINE RECESSED AG		

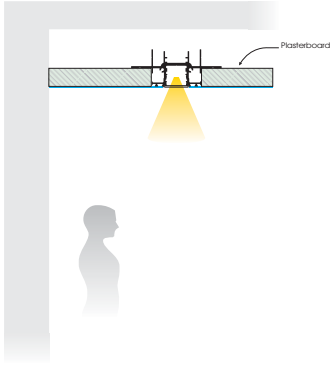
LINILINE TRIMLESS

Aluminium Profile

- Liniline trimless aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).



Trimless



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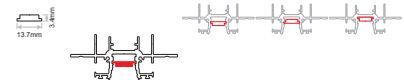
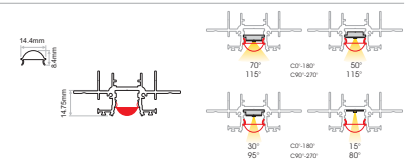
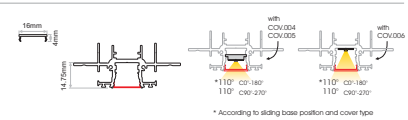
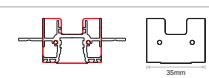
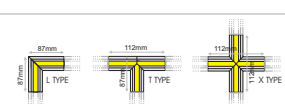
ELECTRON

Image	Code	Description	Length	Design-Detail
	PRF.080	LINILINE TRIMLESS alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	 * According to sliding base position and cover type
	CAP.011	END CAP ALUM.		
	PRH.043 **PRH.044** **PRH.045** **PRH.046** **PRH.047** **PRH.048**	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.059 **PRH.060** **PRH.061**	L TYPE 90° LINILINE TRIMLESS T TYPE 90° LINILINE TRIMLESS X TYPE LINILINE TRIMLESS		
	PRH.062 **PRH.063**	VER-I CORNER 90° LINILINE TRIMLESS VER-O CORNER 90° LINILINE TRIMLESS		

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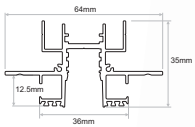
LINILINE TRIMLESS ANTIGLARE Aluminium Profile

- Liniline trimless antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).



Trimless Antiglare

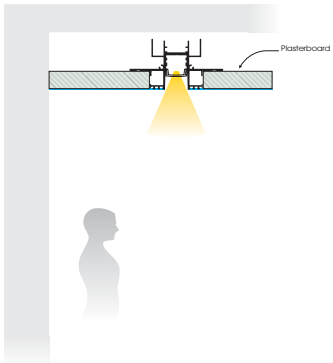


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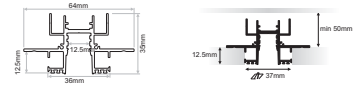
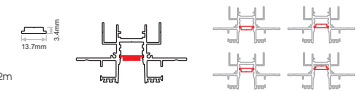
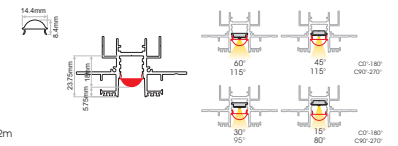
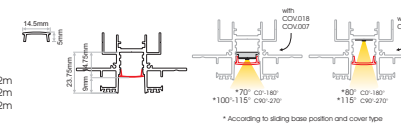
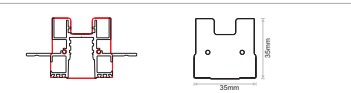
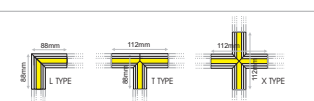
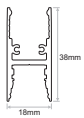
Image	Code	Description	Length	Design-Detail
	PRF.081	LINILINE TRIMLESS ANTIGLARE alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	 * According to sliding base position and cover type
	CAP.012	END CAP ALUM.		
	PRH.043 **PRH.044** **PRH.045** **PRH.046** **PRH.047** **PRH.048**	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	PRH.064 **PRH.065** **PRH.066**	L TYPE 90° LINILINE TRIMLESS AG T TYPE 90° LINILINE TRIMLESS AG X TYPE LINILINE TRIMLESS AG		
	PRH.067 **PRH.068**	VER-I CORNER 90° LINILINE TRIMLESS AG VER-O CORNER 90° LINILINE TRIMLESS AG		

LINILINE SURFACE

Aluminium Profile

- Liniline surface aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Surface

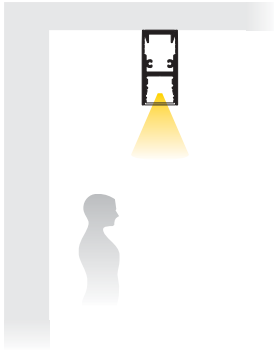


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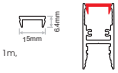
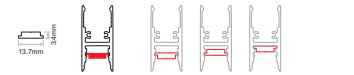
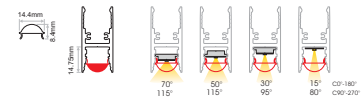
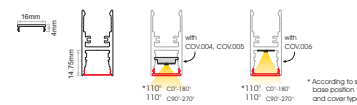
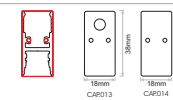
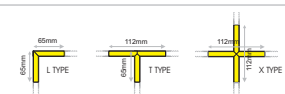
Image	Code	Description	Length	Design-Detail
	PRF.082	LINILINE SURFACE alum.prof. / Anodized	2m	
	PRF.084	LINILINE BASE alum.prof. / Anodized Note: It must be cutted in pieces of 6cm. Use 2pcs up to 1m, 3pcs up to 1,5m, 4pcs up to 2m luminaire lengths	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.013 **CAP.014**	FRONT CAP ALUM. END CAP ALUM.		
	PRH.069	EXTENSION LINE		
	PRH.070 **PRH.071** **PRH.072**	L TYPE 90° LINILINE SURFACE T TYPE 90° LINILINE SURFACE X TYPE LINILINE SURFACE		
	PRH.073 **PRH.074**	VER-I CORNER 90° LINILINE SURFACE VER-O CORNER 90° LINILINE SURFACE		

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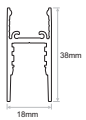
LINILINE SURFACE ANTIGLARE

Aluminium Profile

Aluminium Profiles

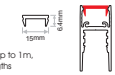
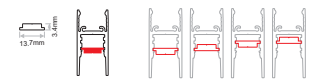
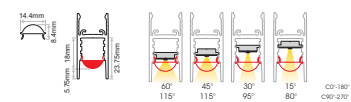
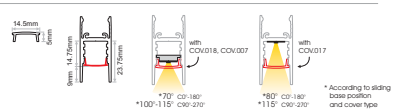
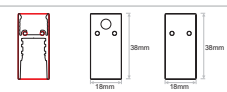
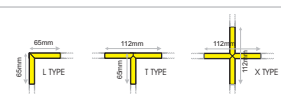
- Liniline surface antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Surface Antiglare

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

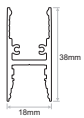
ELECTRON

Image	Code	Description	Length	Design-Detail
	PRF.083	LINILINE SURFACE ANTIGLARE alum.prof. / Anodized	2m	
	PRF.084	LINILINE BASE alum.prof. / Anodized Note: It must be cutted in pieces of 6cm. Use 2pcs up to 1m, 3pcs up to 1,5m, 4pcs up to 2m luminaire lengths	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP.015 **CAP.016**	FRONT CAP ALUM. END CAP ALUM.		
	PRH.069	EXTENSION LINE		
	PRH.075 **PRH.076** **PRH.077**	L TYPE 90° LINILINE SURFACE-AG T TYPE 90° LINILINE SURFACE-AG X TYPE LINILINE SURFACE-AG		
	PRH.078 **PRH.079**	VER-I CORNER 90° LINILINE SURFACE-AG VER-O CORNER 90° LINILINE SURFACE-AG		

LINILINE PENDANT

Aluminium Profile

- Liniline pendant aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Pendant

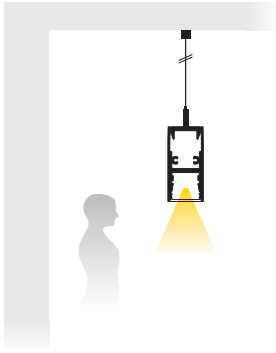


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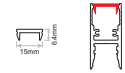
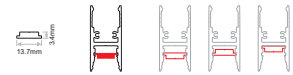
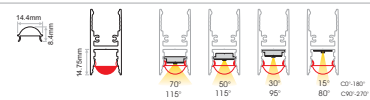
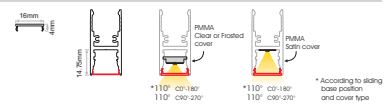
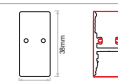
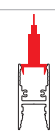
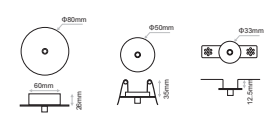
Image	Code	Description	Length	Design-Detail
	PRF.082	LINILINE PENDANT alum.prof. / Anodized	2m	
	PRF.084	LINILINE TOP COVER alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.014	END CAP ALUM.		
	ACC.191* **ACC.233***	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085	CANOPY SURFACE LIGHT GREY		
	PRH.086	CANOPY RECESSED LIGHT GREY		
	PRH.087	CANOPY TRIMLESS LIGHT GREY		
	PRH.037	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	PRH.038	CABLE GLAND FOR LINILINE PENDANT		Canopy also available in black, white or different RAL colours upon request.
	PRH.099	LINE ALIGNMENT		

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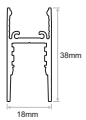
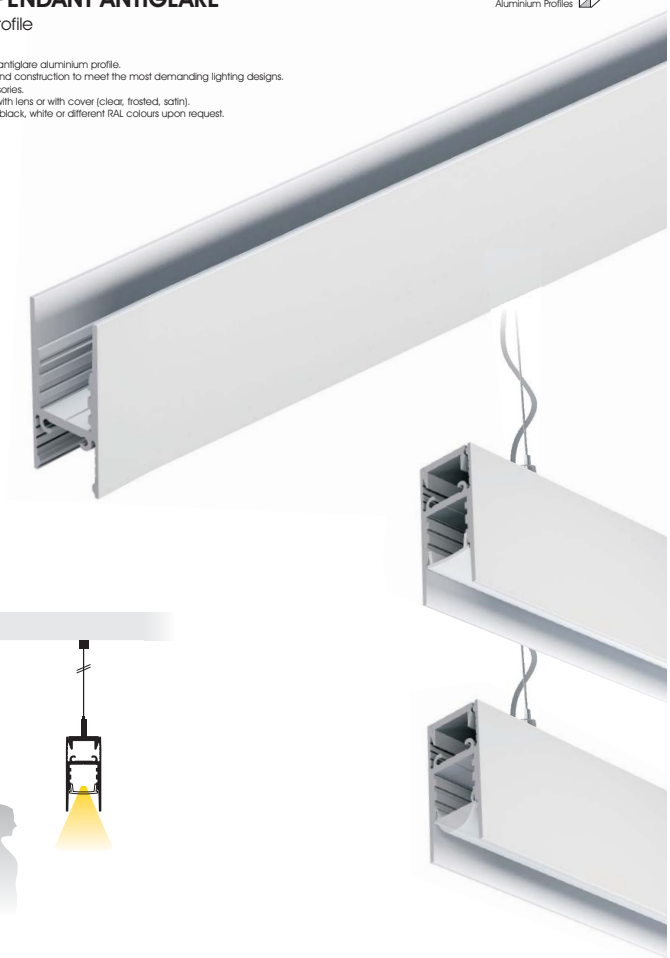
LINILINE PENDANT ANTIGLARE

Aluminium Profile

Aluminium Profiles

- Liniline pendant antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.





Pendant Antiglare

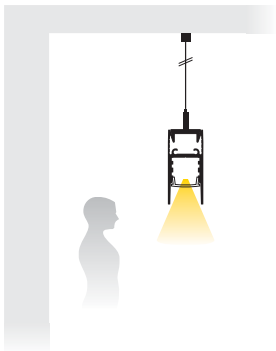


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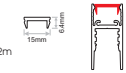
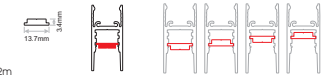
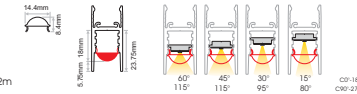
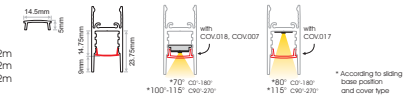
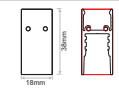
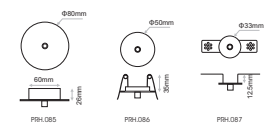
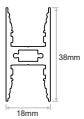
Image	Code	Description	Length	Design-Detail
	PRF.083	LINILINE PENDANT ANTIGLARE alum.prof. / Anodized	2m	
	PRF.084	LINILINE TOP COVER alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP.016	END CAP ALUM.		
	ACC.191* **ACC.233***	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085	CANOPY SURFACE LIGHT GREY		
	PRH.086	CANOPY RECESSED LIGHT GREY		
	PRH.087	CANOPY TRIMLESS LIGHT GREY		
	PRH.037	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	PRH.038	CABLE GLAND FOR LINILINE PENDANT		Canopy also available in black, white or different RAL colours upon request.
	PRH.099	LINE ALIGNMENT		

LINILINE PENDANT DIRECT/INDIRECT

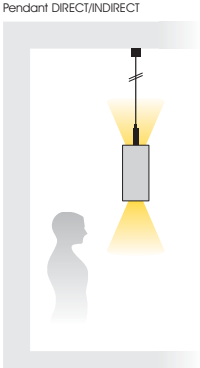
Aluminium Profile

Aluminium Profiles

- Liniline pendant DIRECT/INDIRECT aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Pendant DIRECT/INDIRECT



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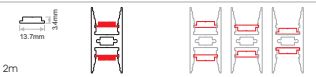
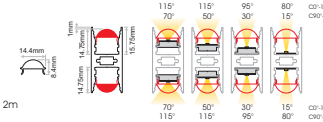
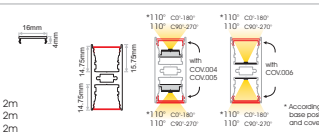
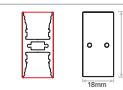
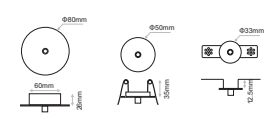
ELECTRON

Image	Code	Description	Length	Design-Detail
	PRF.012	LINILINE PENDANT DIRECT/INDIRECT alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	CAP.006	END CAP ALUM.		
	PRH.036	HANGING SET FOR LINILINE PENDANT DIRECT/INDIRECT		
	ACC.191* **ACC.233***	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085	CANOPY SURFACE LIGHT GREY		
	PRH.086	CANOPY RECESSED LIGHT GREY		
	PRH.087	CANOPY TRIMLESS LIGHT GREY		
	PRH.037	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	PRH.038	CABLE GLAND FOR LINILINE PENDANT		



Canopy also available in black, white or different RAL colours upon request.

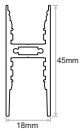
Create any possible beam angle combination, by choosing cover and sliding base position

Example:

LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE

Aluminium Profile

- Liniline pendant DIRECT/INDIRECT antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Pendant DIRECT/INDIRECT Antiglare

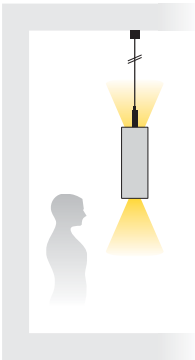


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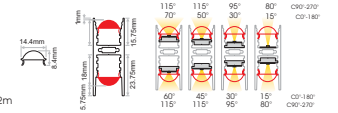
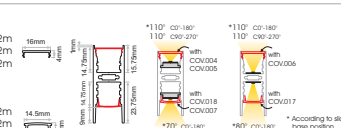
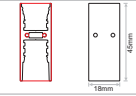
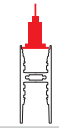
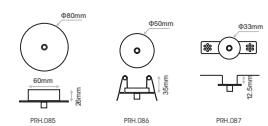
Image	Code	Description	Length	Design-Detail
	PRF.018	LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	COV.004 **COV.005** **COV.006**	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	CAP.008	END CAP ALUM.		
	PRH.036	HANGING SET FOR LINILINE PENDANT DIRECT/INDIRECT		
	ACC.191* **ACC.233***	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	PRH.085 **PRH.086** **PRH.087**	CANOPY SURFACE LIGHT GREY CANOPY RECESSED LIGHT GREY CANOPY TRIMLESS LIGHT GREY		
	PRH.037 **PRH.038**	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension CABLE GLAND FOR LINILINE PENDANT		

Canopy also available in black, white or different RAL colours upon request.

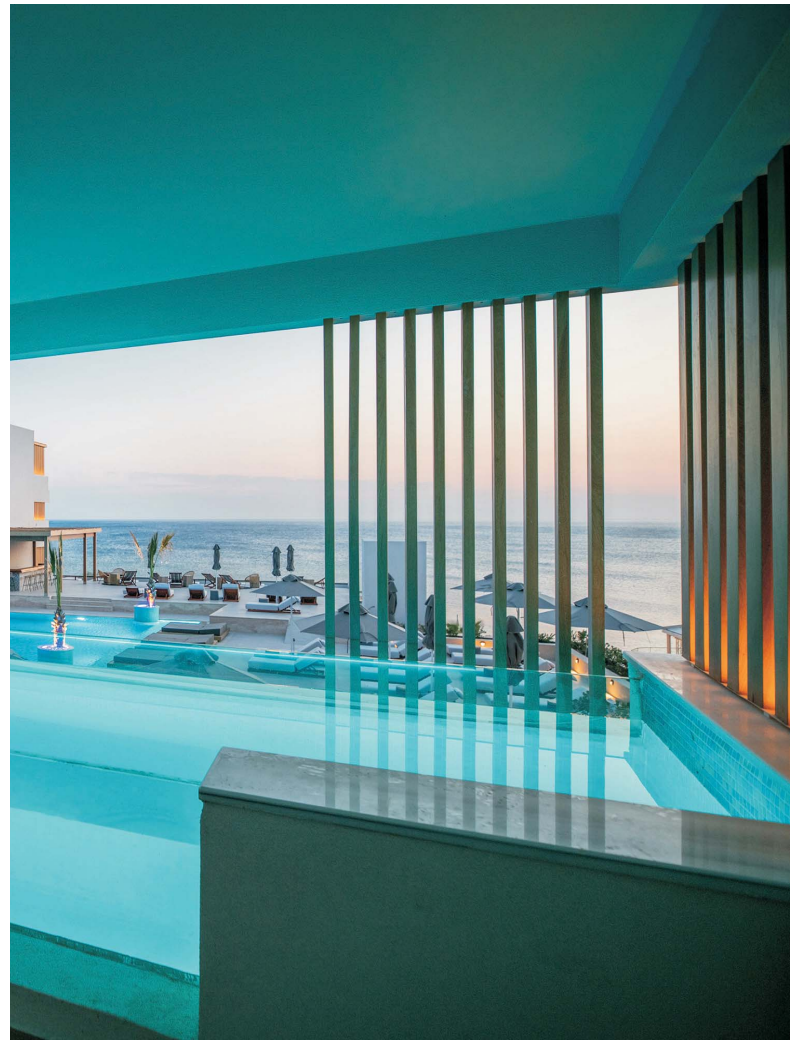
Create any possible beam angle combination, by choosing cover and sliding base position

Example:

Akasha Beach Hotel & Spa
(Heraklelon Crete / Greece)

Architects: schema 4 architects
Photos: Manos Efchetzis

AWARDS:
BIGSEE Interior Design AWARD 2022 Winner



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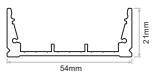
OUTLINER 50

Aluminium Profile

- OUTLINER 50 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.

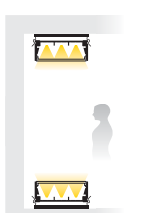


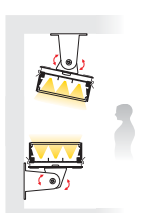
FIXED installation

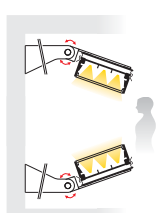
SURFACE installation

WALL BRACKET (Long-Short) installation

PENDANT installation







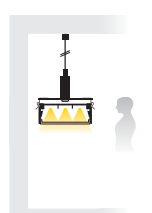


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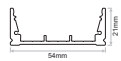
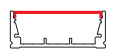
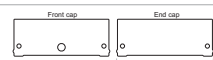
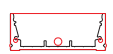
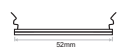
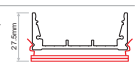
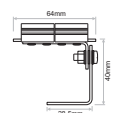
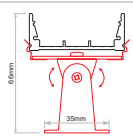
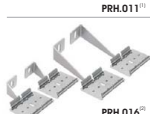
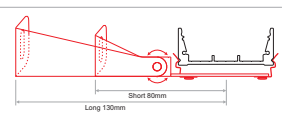
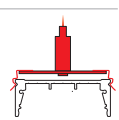
Image	Code	Description	Length	Design-Detail
	PRF.128	OUTLINER 50 alum.prof. / Anodized	2m	
	COV.045 POLYCARBONATE CLEAR COVER **COV.046** POLYCARBONATE MILKY SATIN COVER **COV.047** POLYCARBONATE MICROPRISMATIC COVER		2m 2m 2m	
	CAP.135 FRONT CAP (aluminium) for OUTLINER 50 **CAP.136** END CAP (aluminium) for OUTLINER 50			 
	PRH.008[1]	STAINLESS STEEL HOLDER for FIXED installation		 
	PRH.011[1]	BRACKET for SURFACE installation		 
	**PRH.016**[2] **PRH.017**[2]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	PRH.020	ANTISLIPPER for VERTICAL installation (use two Antislipper per luminaire)		
	PRH.025[3] **PRH.026**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1,5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

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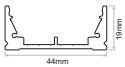
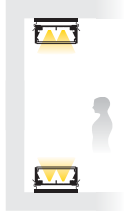
OUTLINER 40

Aluminium Profile

- OUTLINER 40 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.

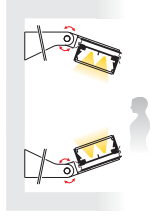


FIXED installation



SURFACE installation

WALL BRACKET (Long-Short) installation



PENDANT installation

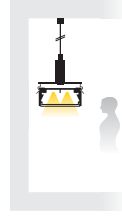


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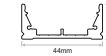
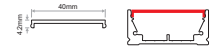
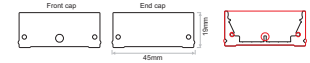
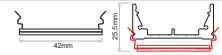
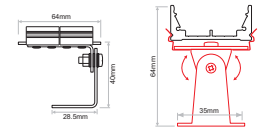
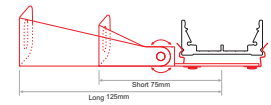
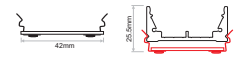
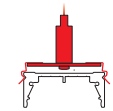
Image	Code	Description	Length	Design-Detail
	PRF.125	OUTLINER 40 alum.prof. / Anodized	2m	
	COV.042 **COV.043** **COV.044**	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	CAP.131 **CAP.132**	FRONT CAP (aluminium) for OUTLINER 40 END CAP (aluminium) for OUTLINER 40		
	PRH.007[1]	STAINLESS STEEL HOLDER for FIXED installation		
	PRH.010[1]	BRACKET for SURFACE installation		
	PRH.014[2] **PRH.015**[2]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	PRH.019	ANTISLIPPER for VERTICAL installation (use one Antislipper per luminaire)		
	PRH.023[3] **PRH.024**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1,5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

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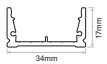
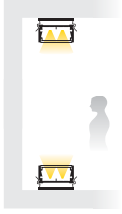
OUTLINER 30

Aluminium Profile

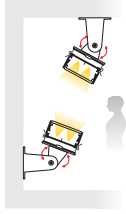
- OUTLINER 30 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



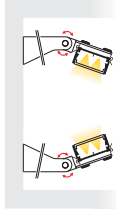
FIXED installation



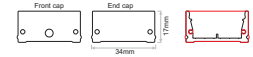
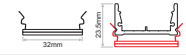
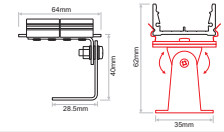
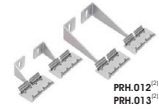
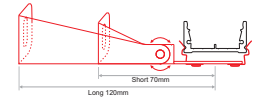
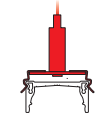
SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation

Image	Code	Description	Length	Design-Detail
	PRF.123	OUTLINER 30 alum.prof. / Anodized	2m	
	COV.039 **COV.040** **COV.041**	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	CAP.127 **CAP.128**	FRONT CAP (aluminium) for OUTLINER 30 END CAP (aluminium) for OUTLINER 30		
	PRH.006[1]	STAINLESS STEEL HOLDER for FIXED installation		
	PRH.009[1]	BRACKET for SURFACE installation		
	**PRH.012**[2] **PRH.013**[2]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	PRH.021[3] **PRH.022**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

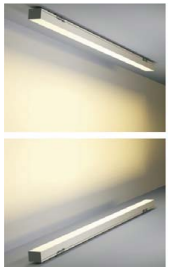
1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1,5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

OUTLINER 20

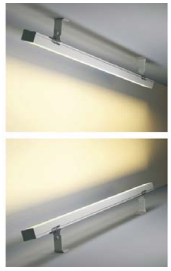
Aluminium Profile

- OUTLINER 20 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.

FIXED installation

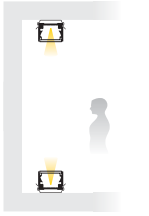


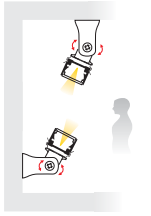
SURFACE installation

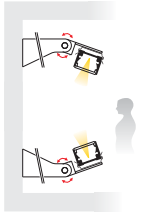


WALL BRACKET (Long-Short) installation

PENDANT installation







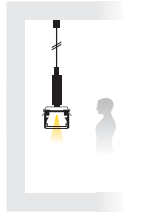


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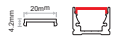
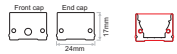
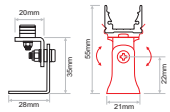
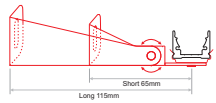
Image	Code	Description	Length	Design-Detail
	PRF.119	OUTLINER 20 alum.prof. / Anodized	2m	
	COV.035 POLYCARBONATE CLEAR COVER **COV.036** POLYCARBONATE MILKY SATIN COVER **COV.037** POLYCARBONATE MICROPRISMATIC COVER		2m 2m 2m	
	CAP.123 FRONT CAP (aluminium) for OUTLINER 20 **CAP.124** END CAP (aluminium) for OUTLINER 20			
	ELA.008[1,4]	STAINLESS STEEL HOLDER for FIXED installation		
	ACC.048[1]	BRACKET for SURFACE installation		
	ACC.284[2] WALL BRACKET LONG (pair) for OUTLINER 20 **ACC.285**[2] WALL BRACKET SHORT (pair) for OUTLINER 20			
	ACC.286[3] CEILING SUSPENSION installation 150cm (per piece) **ACC.287**[3] CEILING SUSPENSION installation 300cm (per piece)			

1. Use 2 pcs for lengths up to 100cm. 3 pcs for lengths up to 150cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 100cm. 1,5 pair for lengths up to 150cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antiflipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

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River West Gateway, Athens, Greece
Lighting Design: Marina Magklara
Photo: Gavril Papadiotis

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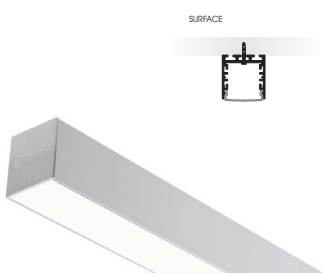
TETRA SLICK

Aluminium Profile

- TETRA SLICK aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface and pendant applications.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.



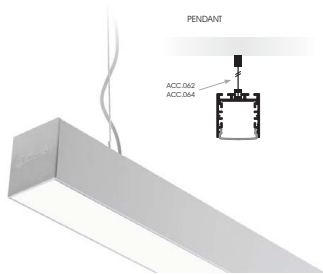


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Image	Code	Description	Length	Design-Detail
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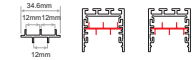
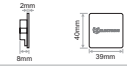
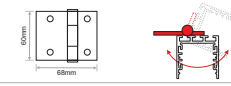
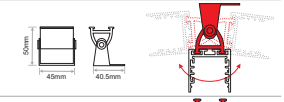
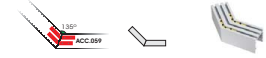
	PRF.030	DUAL BAND SLIDING BASE	2m	
	ELA.016	ALUMINIUM SLIDING BASE (Thickness 2mm)	2m	
	COV.008 PMMA SATIN COVER **COV.009** PMMA CLEAR COVER **COV.020** PMMA MICROPRISMATIC COVER		2m 2m 2m	
	CAP.092	END CAP		
	ACC.062 CEILING SUSPENSION INSTALLATION 150cm **ACC.064** CEILING SUSPENSION INSTALLATION 300cm			
	ACC.070	HINGE		
	ACC.083	ECO BRACKET		
	ACC.074	180 DEGREE BRACKET		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

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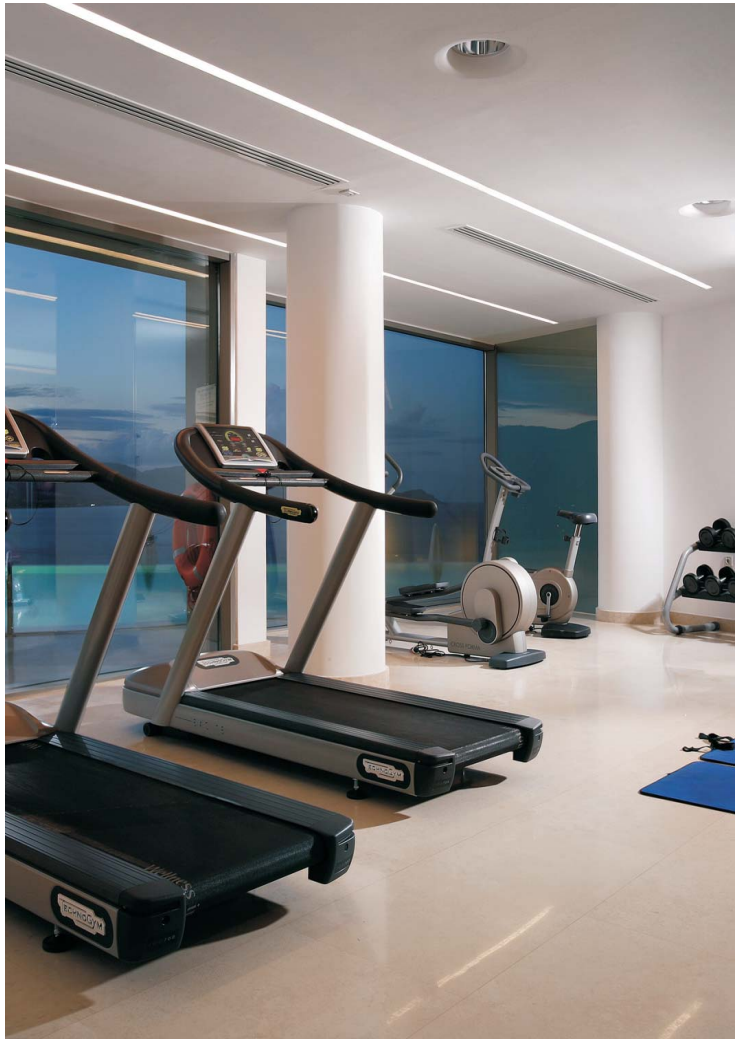
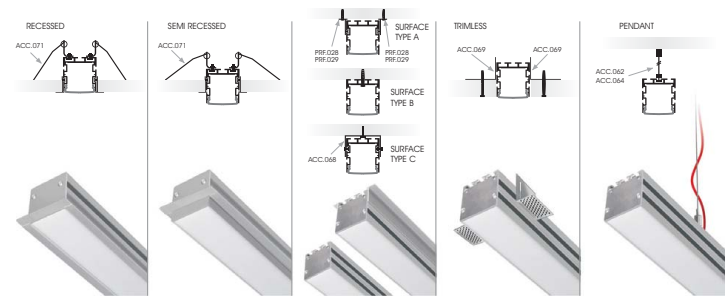


TETRA

Aluminium Profile

- TETRA aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface, semi recessed, recessed, trimless and pendant applications.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.



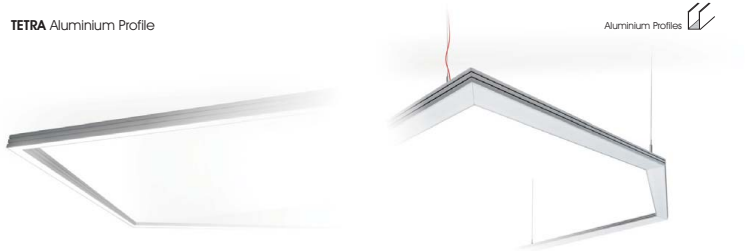


Image	Code	Description	Length	Design-Detail
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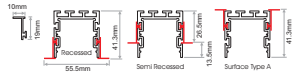
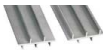
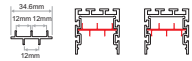
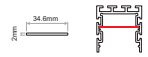
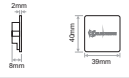
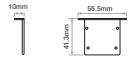
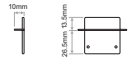
	PRF.028	ANGLE alum.prof. / Anodized	2m	
	**PRF.030**	DUAL BAND SLIDING BASE	2m	
	ELA.016	ALUMINIUM SLIDING BASE (Thickness 2mm)	2m	
	COV.008 **COV.009** **COV.020**	PMMA SATIN COVER PMMA CLEAR COVER PMMA MICROPRISMATIC COVER	2m 2m 2m	
	CAP.092	END CAP		
	CAP.051	RECESSED END CAP		
	CAP.052	SEMI RECESSED END CAP		
	ACC.071	RETAINING SPRING		

Image	Code	Description	Design-Detail
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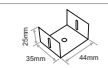
	ACC.068	CEILING SURFACE HOLDER	
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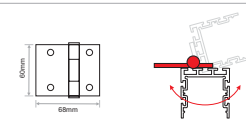
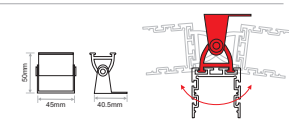
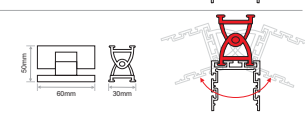
	ACC.070	HINGE	
	ACC.083	ECO BRACKET	
	ACC.074	180 DEGREE BRACKET	
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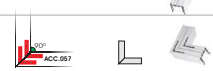
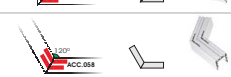
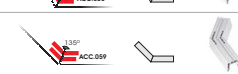
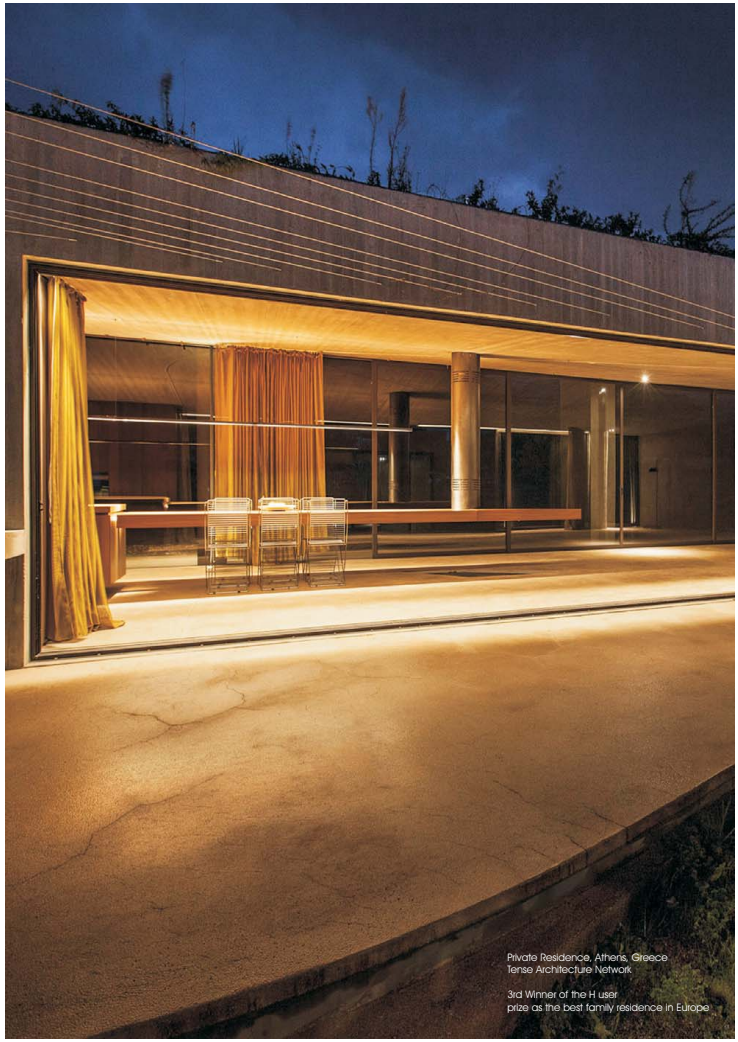
	ACC.057	90° CORNER EXTENSION	
	ACC.058	60° CORNER EXTENSION	
	ACC.059	45° CORNER EXTENSION	



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Tense Architecture Network

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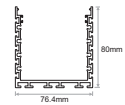
TETRA PLUS

Aluminium Profile

- TETRA PLUS aluminium profile system ideal for linear LED lighting applications.
- Accessories for recessed, surface with hinge, surface, trimless and pendant applications.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.



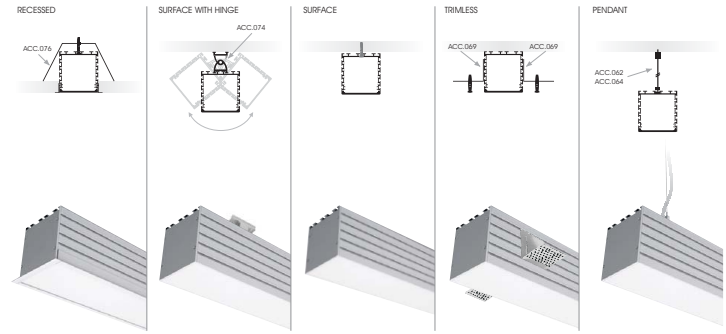
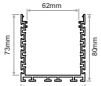
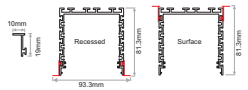


Image	Code	Description	Length	Design-Detail
	PRF.041	TETRA PLUS alum.prof. / Anodized	2m	
	PRF.028	ANGLE alum.prof. / Anodized	2m	
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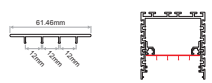
	PRF.048	INNER HOLDERS	2m	
	PRF.044	SLIDING BASE 3-BANK INNER	2m	
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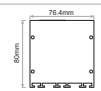
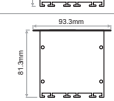
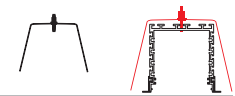
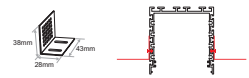
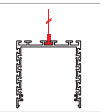
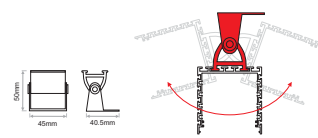
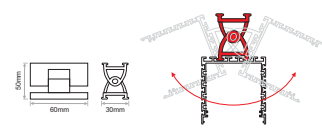
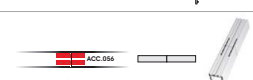
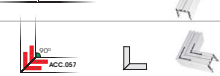
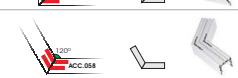
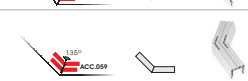
	COV.012	POLYCARBONATE SATIN COVER	2m	
	CAP.074	END CAP		
	CAP.081	RECESSED END CAP		

Image	Code	Description	Design-Detail
	ACC.076	RECESSED HOLDER	
	ACC.069	PERFORMATED HOLDER FOR PLASTERBOARD	
	ACC.062 **ACC.064**	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm	
	ACC.083	ECO BRACKET	
	ACC.074	180 DEGREE BRACKET	
	ACC.056	EXTENSION LINE	
	ACC.057	90° CORNER EXTENSION	
	ACC.058	60° CORNER EXTENSION	
	ACC.059	45° CORNER EXTENSION	

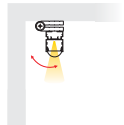
LUMINET

Aluminium Profile

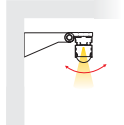
- LUMINET aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Variety of beam angles.
- Multiple mounting options.
- Ideal for wall washing.
- Up to 12mm LED strip width (up to 10mm, at 70°).
- Available also in black, white or different RAL colours upon request.

FIXED installation

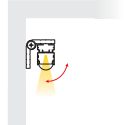
CEILING SUSPENSION installation



SURFACE ADJUSTABLE installation



WALL BRACKET installation



SURFACE ADJUSTABLE installation

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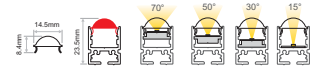
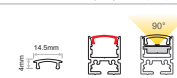
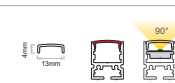
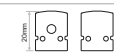
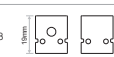
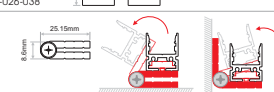
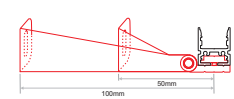
Image	Code	Description	Length	Design-Detail
	PRF.116	LUMINET alum.prof. / Anodized	2m	
	PRF.117	SLIDING BASE alum.prof. / Anodized	2m	
	COV.033	PMMA LENS COVER **Note 1:** At 70° only 10mm LED strip width **Note 2:** Ideal for monochromatic LED strip	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	CAP.115 **CAP.116**	FRONT CAP (aluminium) for LUMINET with COV.033 END CAP (aluminium) for LUMINET with COV.033		
	CAP.117 **CAP.118**	FRONT CAP (aluminium) for LUMINET with COV.018-017-007 END CAP (aluminium) for LUMINET with COV.018-017-007		
	CAP.119 **CAP.120**	FRONT CAP (aluminium) for LUMINET with COV.023-024-025-026-038 END CAP (aluminium) for LUMINET with COV.023-024-025-026-038		
	ACC.280	HINGE for SURFACE ADJUSTABLE installation (pair) (adjustable without tools)		
	ACC.281 **ACC.282**	WALL BRACKET 10cm (pair) WALL BRACKET 5cm (pair)		
	ACC.283	EXTENSION LINE for LUMINET		
	ACC.106 **ACC.107**	CEILING SUSPENSION INSTALLATION 150cm (per piece) CEILING SUSPENSION INSTALLATION 300cm (per piece)		
	PRH.001	HOLDER		

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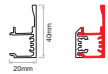
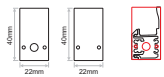
LIGUA 1

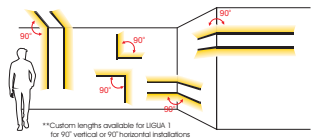
Aluminium Profile

- LIGUA 1 aluminium profile is ideal for linear decorative wall application.
- Possibility of creating 90° vertical or 90°horizontal.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.

Image	Code	Description	Length	Design-Detail
	PRF.097	LIGUA 1 alum.prof. / Anodized	2m	
	PRF.098	LIGUA 1 mounting alum.prof. / Anodized	2m	
	COV.018 POLYCARBONATE CLEAR COVER **COV.017** POLYCARBONATE OPAL COVER **COV.007** PMMA FROSTED COVER		2m 2m 2m	
	CAP.111 FRONT CAP for LIGUA 1 **CAP.112** END CAP for LIGUA 1			
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION for PRF.099 and PRF.100		
	ACC.105	90° CORNER EXTENSION for PRF.101 and PRF.102		

PREFABRICATED CORNERS 90° FOR LIGUA 1

	PRF.099	VERTICAL-O
	PRF.100	VERTICAL-I
	PRF.101	HORIZONTAL-N
	PRF.102	HORIZONTAL-I



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LIGUA 2

Aluminium Profile

- LIGUA 2 aluminium profile is ideal for linear decorative wall application.
- Possibility of creating 90° vertical or 90°horizontal.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.

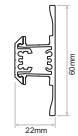
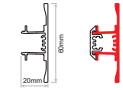
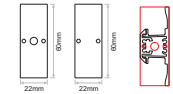
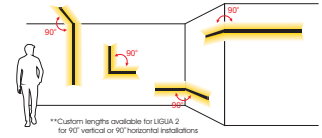
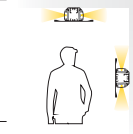


Image	Code	Description	Length	Design-Detail
	PRF.103	LIGUA 2 alum.prof. / Anodized	2m	
	PRF.104	LIGUA 2 mounting alum.prof. / Anodized	2m	
	COV.018 POLYCARBONATE CLEAR COVER **COV.017** POLYCARBONATE OPAL COVER **COV.007** PMMA FROSTED COVER		2m 2m 2m	
	CAP.113 FRONT CAP for LIGUA 2 **CAP.114** END CAP for LIGUA 2			
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION for PRF.108		
	ACC.105	90° CORNER EXTENSION for PRF.109 and PRF.110		

PREFABRICATED CORNERS 90° FOR LIGUA 2

	PRF.108	VERTICAL
	PRF.109	HORIZONTAL-N
	PRF.110	HORIZONTAL-I





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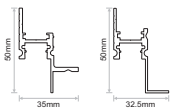
LINART

Aluminium Profile

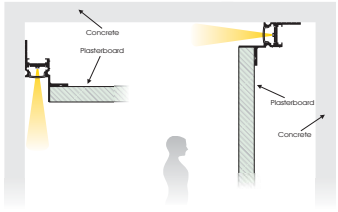
- LINART aluminium profile system ideal for linear LED lighting applications.
- Suitable for ceiling and wall installations.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.

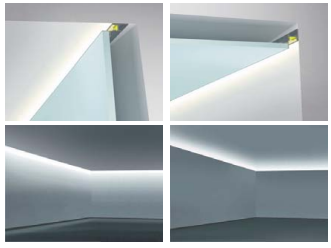


LINART C (Ceiling)

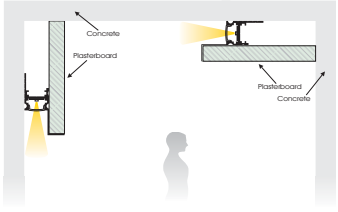
LINART W (Wall)

LINART C (Ceiling)





LINART W (Wall)



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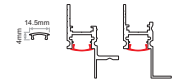
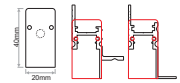
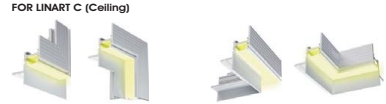
ELECTRON

Image	Code	Description	Length	Design-Detail
	PRF.077	LINART C alum.prof. / Anodized	2m	
	PRF.078	LINART W alum.prof. / Anodized	2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.107 **CAP.108**	FRONT CAP for PRF.077/078 END CAP for PRF.077/078		
	ACC.101	EXTENSION LINE		
	ACC.102	90° CORNER HORIZONTAL EXTENSION		
	ACC.103	90° CORNER VERTICAL EXTENSION for PRF.088/092		
	ACC.104	90° CORNER VERTICAL EXTENSION for PRF.089/093		

PREFABRICATED CORNERS 90°
FOR LINART C (Ceiling)



PRF.088 VERTICAL-O
PRF.089 VERTICAL-I
PRF.090 HORIZONTAL-N
PRF.091 HORIZONTAL-I

PREFABRICATED CORNERS 90°
FOR LINART W (Wall)

PRF.092 VERTICAL-O
PRF.093 VERTICAL-I
PRF.094 HORIZONTAL-N
PRF.095 HORIZONTAL-I

Male Connectors
(with 15cm cables)

CNC.085 Monochrome
CNC.087 Tunable White

CNC.089
RGB set male connectors

CNC.091
RGBW set male connectors

Female connectors
(with 30cm cables)

CNC.086 Monochrome
CNC.088 Tunable White

CNC.090
RGB set female connectors

CNC.092
RGBW set female connectors

Mini Junction Boxes
For all available models of mini junction boxes, which can be used with Linart series, please refer to "Cables/ Connectors" section of the catalogue contents.

LINI IN

Aluminium Profile

- LINI IN aluminium profile ideal for installation in corners.
- Available with transparent, milky, milky satin or ruled cover.

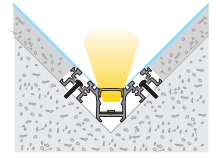
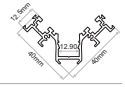
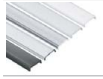
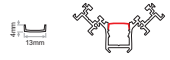
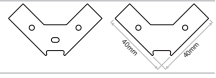
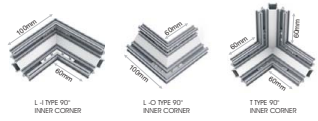


Image	Code	Description	Length	Design-Detail
	PRF.165	LINI IN alum.prof. / Anodized	2m	
	**COV.023** POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.152 FRONT CAP for LINI IN **CAP.153** END CAP for LINI IN			
	ACC.056 EXTENSION LINE **ACC.057** 90° CORNER EXTENSION **ACC.105** 90° VERTICAL CORNER EXTENSION			
	PRH.119 L -I TYPE 90° INNER CORNER **PRH.120** L -O TYPE 90° INNER CORNER **PRH.121** T TYPE 90° INNER CORNER			

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LINI OUT

Aluminium Profile

- LINI OUT aluminium profile ideal for installation in corners.
- Available with transparent, milky, milky satin or ruled cover.

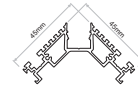
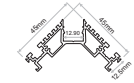
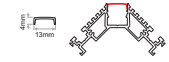
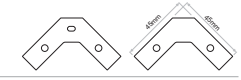
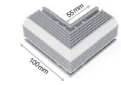


Image	Code	Description	Length	Design-Detail
	PRF.166	LINI OUT alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.156 FRONT CAP for LINI OUT **CAP.157** END CAP for LINI OUT			
	ACC.056 EXTENSION LINE			
	PRH.123 L TYPE 90° OUTER CORNER			

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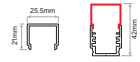
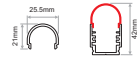
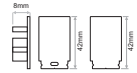
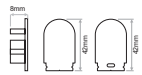
JOY

Aluminium Profile

- JOY aluminium profile with satin square or satin round cover.
- Accessories for pendant installation.
- Available also in black, white or different RAL colours upon request.

Image	Code	Description	Length	Design-Detail
	PRF.036	JOY alum.prof. / Anodized	2m	
	COV.010	PMMA OPAL SQUARE COVER	2m	
	COV.011	PMMA OPAL ROUND COVER	2m	
	ELA.018	ALUMINIUM SLIDING BASE	2m	
	CAP.083 **CAP.082**	FRONT CAP for JOY with COV.010 END CAP for JOY with COV.010		
	CAP.085 **CAP.084**	FRONT CAP for JOY with COV.011 END CAP for JOY with COV.011		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.063 **ACC.065**	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm		

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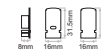
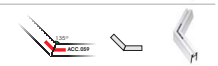
U TYPE

Aluminium Profile

- U TYPE aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface and pendant installations.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.

Image	Code	Description	Length	Design-Detail
	PRF.022	U TYPE alum.prof. / Anodized	2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.078 **CAP.077**	FRONT CAP for U TYPE with COV.023-024-025-026-038 END CAP for U TYPE with COV.023-024-025-026-038		
	CAP.080 **CAP.079**	FRONT CAP for U TYPE with COV.017-018-007 END CAP for U TYPE with COV.017-018-007		
	PRH.001	HOLDER		
	ACC.062 **ACC.064**	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

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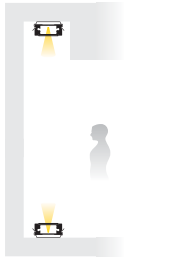
ELECSIA

Aluminium Profile

- ELECSIA aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Available also in black, white or different RAL colours upon request.

FIXED installation

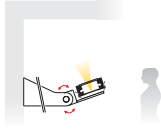


SURFACE A installation

SURFACE B installation

SURFACE C installation

WALL BRACKET installation



PENDANT installation

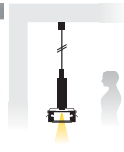


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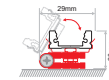
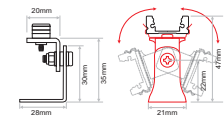
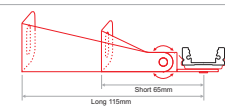
Image	Code	Description	Length	Design-Detail
	PRF.118	ELECSIA alum.prof. / Anodized	2m	
	COV.004 PMMA CLEAR COVER **COV.005** PMMA FROSTED COVER **COV.006** PMMA SATIN COVER		2m 2m 2m	
	CAP.121 FRONT CAP (aluminium) for ELECSIA **CAP.122** END CAP (aluminium) for ELECSIA			
	ELA.008[1,4]	STAINLESS STEEL HOLDER		
	ACC.289[3]	HINGE for SURFACE **A** installation (pair) for ELECSIA (adjustable without tools)		
	ACC.290[3]	HINGE for SURFACE **B** installation (pair) for ELECSIA (adjustable without tools)		
	ACC.048[1]	BRACKET for SURFACE **C** installation		
	ACC.284[2] **ACC.285**[2]	WALL BRACKET LONG (pair) for ELECSIA WALL BRACKET SHORT (pair) for ELECSIA		
	ACC.286[3] **ACC.287**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 110cm. 3 pcs for lengths up to 170cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 110cm. 1,5 pair for lengths up to 170cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

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OMEGA

Aluminium Profile

- OMEGA aluminium profile system ideal for linear LED lighting applications.
- Available in milky, milky satin, ruled or transparent cover.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.

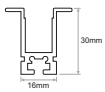
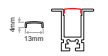
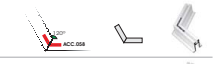
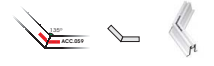


Image	Code	Description	Length	Design-Detail
	PRF.024	OMEGA alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.049	END CAP		
	ACC.055	RETAINING SPRING		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

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ELECTRON

LUNGO

Aluminium Profile

- LUNGO aluminium profile system ideal for linear LED lighting applications.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.

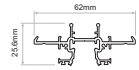
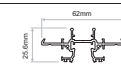
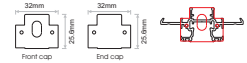


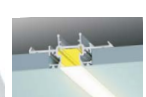
Image	Code	Description	Length	Design-Detail
	PRF.096	LUNGO alum.prof. / Anodized	2m	
	COV.004 PMMA CLEAR COVER **COV.005** PMMA FROSTED COVER **COV.006** PMMA SATIN COVER		2m 2m 2m	
	CAP.109 FRONT CAP for LUNGO **CAP.110** END CAP for LUNGO			
	ACC.101	EXTENSION LINE for LUNGO		
	ACC.102	90° CORNER HORIZONTAL EXTENSION for PRF.113		
	ACC.103	90° CORNER VERTICAL EXTENSION for PRF.111		
	ACC.104	90° CORNER VERTICAL EXTENSION for PRF.112		

PREFABRICATED CORNERS 90° FOR LUNGO

PRF.111
VERTICAL-O

PRF.112
VERTICAL-I

PRF.113
HORIZONTAL



Male Connectors
(with 15cm cables)

CNC.085 Monochrome
CNC.087 Tunable White

CNC.089
RGB set male connectors

CNC.091
RGBW set male connectors

Female connectors
(with 30cm cables)

CNC.086 Monochrome
CNC.088 Tunable White

CNC.090
RGB set female connectors

CNC.092
RGBW set female connectors

Mini Junction Boxes
For all available models of mini junction boxes, which can be used with Linart series, please refer to "Cables/ Connectors" section of the catalogue contents.

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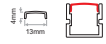
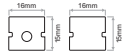
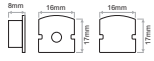
ELECTRON

MIDI U
Aluminium Profile

- MIDI U aluminium profile is a linear profile for surface installation.
- Available also in black, white or different RAL colours upon request.

Image	Code	Description	Length	Design-Detail
	PRF.014	MIDI U alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	COV.018 POLYCARBONATE CLEAR COVER **COV.017** POLYCARBONATE OPAL COVER **COV.007** PMMA FROSTED COVER		2m 2m 2m	
	CAP.061 FRONT CAP for MIDI U with COV.023-024-025-026-038 **CAP.060** END CAP for MIDI U with COV.023-024-025-026-038			
	CAP.072 FRONT CAP for MIDI U with COV.017-018-007 **CAP.071** END CAP for MIDI U with COV.017-018-007			
	PRH.001	HOLDER		

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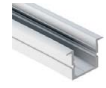
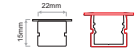
MIDI U Recessed
Aluminium Profile

- MIDI U Recessed aluminium profile for linear LED lighting.
- Available also in black, white or different RAL colours upon request.

Image	Code	Description	Length	Design-Detail
	**PRF.134**	MIDI U RECESSED alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.143	END CAP for MIDI U RECESSED with COV.023-024-025-026-038		

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MINI U
Aluminium Profile

- MINI U aluminium profile has extra low depth and is suitable for surface installation.
- Available also in black, white or different RAL colours upon request.

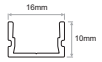


Image	Code	Description	Length	Design-Detail
	PRF.132	MINI U alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.141	END CAP for MINI U with COV.023-024-025-026-038		
	PRH.001	HOLDER		

MINI U RECESSED
Aluminium Profile

- MINI U RESECCED aluminium profile has extra low depth and is ideal for furniture.
- Available also in black, white or different RAL colours upon request.

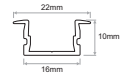


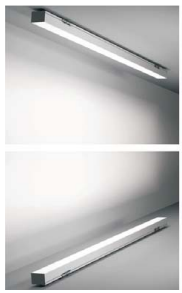
Image	Code	Description	Length	Design-Detail
	PRF.133	MINI U RECESSED alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	CAP.142	END CAP for MINI U RECESSED with COV.023-024-025-026-038		
	PRH.001	HOLDER		

ELITE

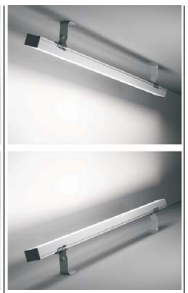
Aluminium Profile

- ELITE aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Suitable for waterproof LED strips up to 15mm width.
- Available also in black, white or different RAL colours upon request.

FIXED installation

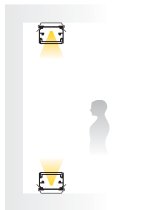


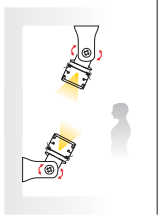
SURFACE installation



WALL BRACKET (Long-Short) installation

PENDANT installation





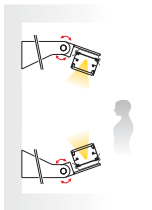


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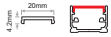
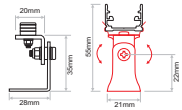
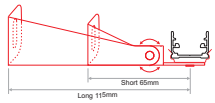
Image	Code	Description	Length	Design-Detail
	PRF.135	ELITE alum.prof. / Anodized	2m	
	COV.035 POLYCARBONATE CLEAR COVER **COV.036** POLYCARBONATE MILKY SATIN COVER **COV.037** POLYCARBONATE MICROPRISMATIC COVER		2m 2m 2m	
	CAP.144	END CAP		
	ELA.008[1,4]	STAINLESS STEEL HOLDER for FIXED installation		
	ACC.048[1]	BRACKET for SURFACE installation		
	ACC.284[2] **ACC.285**[2]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	ACC.286[3] **ACC.287**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 100cm. 3 pcs for lengths up to 150cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 100cm. 1,5 pair for lengths up to 150cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

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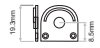
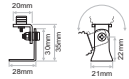
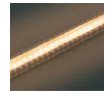
ELECSYS
Aluminium Profile

- ELECSYS aluminium profile available with different covers: Transparent ,Ruled and Milky.

Image	Code	Description	Length	Design-Detail
	ELA.001	ELECSYS alum.prof. / Anodized	2m	
	ELA.002 **ELA.003** **ELA.004**	POLYCARBONATE CLEAR COVER POLYCARBONATE RULED COVER POLYCARBONATE MILKY COVER	2m 2m 2m	
	ELA.006	BIG END CAP for ELECSYS with ELA.002-003-004		
	ELA.007	SMALL END CAP		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.048	BRACKET		



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SHALLOW
Aluminium Profile

- SHALLOW aluminium profile ideal solution for low depth applications.
- Available with transparent, milky, milky satin or ruled cover.

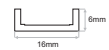
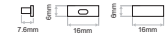
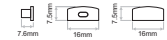
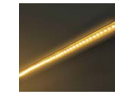


Image	Code	Description	Length	Design-Detail
	PRF.010 **PRF.011**	SHALLOW alum.prof. / Anodized SHALLOW alum.prof. / Non-Anodized	**2m** **2m**	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.036 **CAP.035**	FRONT CAP for SHALLOW with COV.023-024-025-026-038 END CAP for SHALLOW with COV.023-024-025-026-038		
	CAP.068 **CAP.067**	FRONT CAP for SHALLOW with COV.017-018-007 END CAP for SHALLOW with COV.017-018-007		
	PRH.001	HOLDER		



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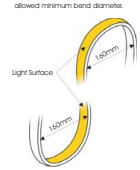
BENDABLE

Aluminium Profile

- BENDABLE aluminium profile ideal for curved LED lighting applications.
- Special design and construction to meet demanding lighting designs.

Image	Code	Description	Length	Design-Detail
	PRF.076	BENDABLE alum.prof. / Anodized	2m	
	COV.031 **COV.032**	POLYCARBONATE MILKY COVER POLYCARBONATE CLEAR COVER	2m 2m	
	CAP.105	END CAP for BENDABLE		
	CAP.106	FRONT CAP for BENDABLE		
	PRH.003	HOLDER clips		

FRAGILE
Only Bend Vertically
Do not bend smaller than allowed minimum bend diameter.



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TINY

Aluminium Profile

- TINY aluminium profile is the thinner available aluminium profile.

Image	Code	Description	Length	Design-Detail
	PRF.056	TINY alum.prof. / Anodized	2m	
	COV.013 **COV.014**	POLYCARBONATE OPAL COVER POLYCARBONATE CLEAR COVER	2m 2m	
	CAP.146	END CAP for TINY	2m	
	ACC.158	3M ADHESIVE TAPE FOR TINY PROFILE	1m	

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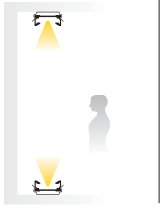
NEST XL

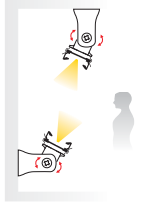
Aluminium Profile

- NEST XL aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Ideal for waterproof LED strips up to 15mm width.

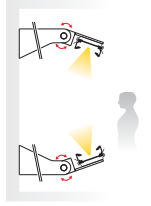
FIXED installation



SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation

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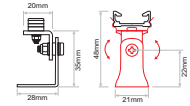
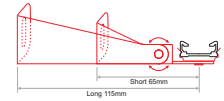
Image	Code	Description	Length	Design-Detail
	PRF.136	NEST XL alum.prof. / Anodized	2m	
	ELA.008[1,4]	STAINLESS STEEL HOLDER for FIXED installation		
	ACC.048[1]	BRACKET for SURFACE installation		
	ACC.284[2] **ACC.285**[2]	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	ACC.286[3] **ACC.287**[3]	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 110cm. 3 pcs for lengths up to 170cm. 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 110cm. 1,5 pair for lengths up to 170cm. 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

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NEST

Aluminium Profiles

Aluminium Profile

- NEST aluminium profile is the perfect solution for waterproof strips due to its special construction.
- it ensures a safe installation that does not allow the strip to fall over.

Image	Code	Description	Length	Design-Detail
	PRF.043	NEST alum.prof. / Anodized	2m	
	PRH.001	HOLDER		

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ELECTRON

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Aluminium Profiles

Aluminium Profile

CORNISE

- CORNISE aluminium profile ideal for cove & frame lighting.
- Suitable for use on walls or ceilings.
- Special design for homogeneous lighting.
- Available also in RAL colours upon request.

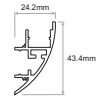
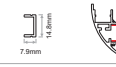
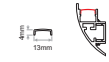


Image	Code	Description	Length	Design-Detail
	PRF.057 **PRFW057**	CORNISE alum.prof. / Anodized CORNISE alum.prof. / White painted	2m 2m	
	PRF.058	BASE PROFILE	2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.095 **CAPW095**	END CAP / Anodized END CAP / White painted		

ELECTRON

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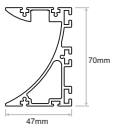
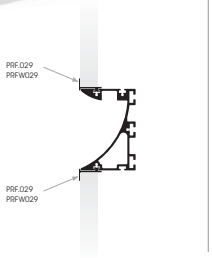
ARC

Aluminium Profile

- ARC aluminium profile ideal for concealed lighting.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.



Recessed



Trinless

ARC Recessed

ARC Trimless

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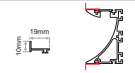
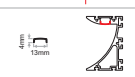
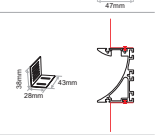
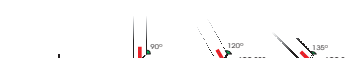
Image	Code	Description	Length	Design-Detail
	PRF.038 **PRFW038**	ARC alum.prof. / Non-Anodized ARC alum.prof. / White Painted	2m 2m	
	PRF.029 **PRFW029**	ANGLE alum.prof. / Non-Anodized ANGLE alum.prof. / White Painted	2m 2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	COV.018 **COV.017** **COV.007**	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.062 **CAPW062**	END CAP / Non-Anodized END CAP / White Painted		
	CAP.063 **CAPW063**	RECESSED END CAP / Non-Anodized RECESSED END CAP / White Painted		
	CAP.069	BASE CAP		
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD		
	ACC.071	RETAINING SPRING		
	ACC.056 **ACC.057** **ACC.058** **ACC.059**	EXTENSION LINE 90° CORNER EXTENSION 60° CORNER EXTENSION 45° CORNER EXTENSION		

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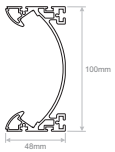
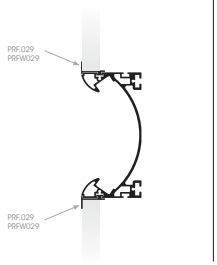
ARC 2

Aluminium Profile

- ARC 2 aluminium profile with double strip installation.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.



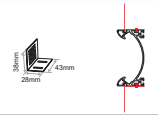
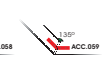
Recessed



Trinless

ARC 2 Recessed

ARC 2 Trimless

Image	Code	Description	Length	Design-Detail
	PRF.039	ARC2 alum.prof. / Non-Anodized	2m	
	PRFW039	ARC2 alum.prof. / White Painted	2m	
	PRF.029	ANGLE alum.prof. / Non-Anodized	2m	
	PRFW029	ANGLE alum.prof. / White Painted	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.064	END CAP / Non-Anodized		
	CAPW064	END CAP / White Painted		
	CAP.065	RECESSED END CAP / Non-Anodized		
	CAPW065	RECESSED END CAP / White Painted		
	CAP.070	BASE CAP		
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD		
	ACC.071	RETAINING SPRING		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		

ARC 3

Aluminium Profile

- ARC3 aluminium profile ideal for concealed lighting.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.

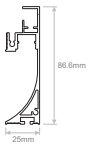
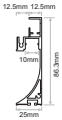
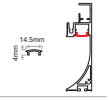
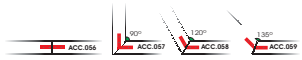
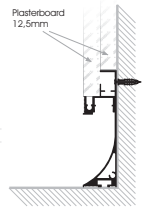


Image	Code	Description	Length	Design-Detail
	PRF.051	ARC3 alum.prof. / Non-Anodized	2m	
	PRFW051	ARC3 alum.prof. / White Painted	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.093	END CAP / Non-Anodized		
	CAPW093	END CAP / White Painted		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		



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INGRA

Aluminium Profile

Aluminium Profiles

- INGRA aluminium profile with milky or transparent cover.
- Special design and construction to meet the most demanding lighting designs.

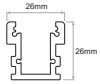
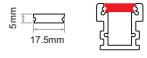
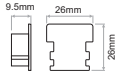
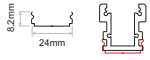


Image	Code	Description	Length	Design-Detail
	PRF.013	INGRA alum.prof. / Non-Anodized	2m	
	COV.021 POLYCARBONATE MILKY COVER **COV.029** POLYCARBONATE CLEAR COVER		2m 2m	
	CAP.073	END CAP		
	ELA.008	STAINLESS STEEL HOLDER		

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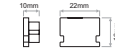
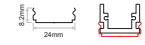
Aluminium Profiles

INGRA MINI

Aluminium Profile

- INGRA MINI aluminium profile with milky or transparent cover.
- Special design and construction to meet the most demanding lighting designs.

Image	Code	Description	Length	Design-Detail
	PRF.114 **PRF.040**	INGRA MINI alum.prof. / Anodized INGRA MINI alum.prof. / Non-Anodized	2m 2m	
	COV.021 POLYCARBONATE MILKY COVER **COV.029** POLYCARBONATE CLEAR COVER		2m 2m	
	CAP.066	END CAP		
	ELA.008	STAINLESS STEEL HOLDER		

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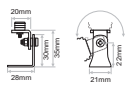
ARTBAR

Aluminium Profile

- ARTBAR aluminium profile ideal concealed lighting / decorative lighting / lighting behind plexiglass.
- Adjustable brackets.
- Available with 15° or 35° linear lens.

Image	Code	Description	Length	Design-Detail
	ELA.011	ARTBAR alum.prof. / Anodized	2m	
	LNS.010	LENS 15°/35°	2m	
	ELA.015	ALUMINIUM SLIDING BASE	2m	
	CAP.075	END CAP		
	CAP.076	FRONT CAP		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.048	BRACKET		

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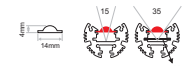
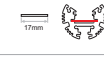
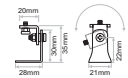
ARTTUBE

Aluminium Profile

- ARTTUBE aluminium profile ideal for decorative lighting.
- Adjustable brackets.
- Available with 15° or 35° linear lens or covers.
- Accessories for pendant installations.

Image	Code	Description	Length	Design-Detail
	ELA.014	ARTTUBE alum.prof. / Anodized	2m	
	LNS.010	LENS 15°/35°	2m	
	ELA.005	ALUMINIUM SLIDING BASE	1m	
	COV.027 **COV.028**	POLYCARBONATE MILKY SATIN COVER POLYCARBONATE CLEAR COVER	2m 2m	
	CAP.047	END CAP		
	ACC.049	ARTTUBE BRACKET		
	ACC.063 **ACC.065**	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm		

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CORNER II

Aluminium Profile

- CORNER II aluminium profile ideal for installation in corners.
- Available with clear, frosted or milky satin cover.
- Available also in black, white or different RAL colours upon request.

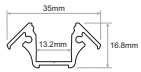
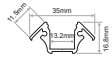
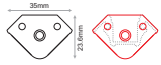
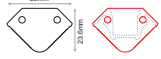
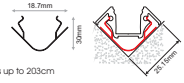


Image	Code	Description	Length	Design-Detail
	PRF.137	CORNER II alum.prof. / Anodized	2m	
	COV.004 PMMA CLEAR COVER **COV.005** PMMA FROSTED COVER **COV.006** PMMA MILKY SATIN COVER		2m 2m 2m	
	CAP.147	FRONT CAP		
	CAP.148	END CAP		
	PRH.005	STAINLESS STEEL HOLDER Note: Use 2pcs up to 103cm, 3pcs up to 153cm & 4pcs up to 203cm		

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CORNER 45

Aluminium Profile

- CORNER 45 aluminium profile ideal for installation in corners.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in black, white or different RAL colours upon request.

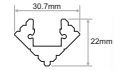
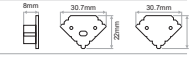
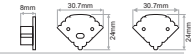
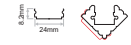


Image	Code	Description	Length	Design-Detail
	PRF.034	CORNER 45 alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	COV.018 POLYCARBONATE CLEAR COVER **COV.017** POLYCARBONATE OPAL COVER **COV.007** PMMA FROSTED COVER		2m 2m 2m	
	CAP.087 FRONT CAP for CORNER 45 with COV.023-024-025-026-038 **CAP.086** END CAP for CORNER 45 with COV.023-024-025-026-038			
	CAP.089 FRONT CAP for CORNER 45 with COV.017-018-007 **CAP.088** END CAP for CORNER 45 with COV.017-018-007			
	ELA.008	STAINLESS STEEL HOLDER		

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V TYPE
Aluminium Profile

- V TYPE aluminium profile ideal for surface or recessed applications.
- Available with transparent, milky, milky satin or ruled cover.
- 45 degrees installation.
- Available also in black, white or different RAL colours upon request.

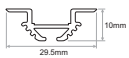
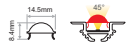


Image	Code	Description	Length	Design-Detail
	PRF.020	V TYPE alum.prof. / Anodized	2m	
	COV.023 POLYCARBONATE MILKY COVER **COV.024** POLYCARBONATE MILKY SATIN COVER **COV.025** POLYCARBONATE RULED COVER **COV.026** POLYCARBONATE CLEAR COVER **COV.038** POLYCARBONATE BLACK SATIN COVER		2m 2m 2m 2m 2m	
	COV.018 POLYCARBONATE CLEAR COVER **COV.017** POLYCARBONATE OPAL COVER **COV.007** PMMA FROSTED COVER		2m 2m 2m	
	COV.033	PMMA LENS COVER 45° **Note:** Ideal for monochromatic & RGBW LED strip	2m	
	CAP.090 **CAP.091**	END CAP for V TYPE with COV.023-024-025-026-038 FRONT CAP for V TYPE with COV.023-024-025-026-038		
	CAP.043 **CAP.044**	END CAP for V TYPE with COV.017-018-007 FRONT CAP for V TYPE with COV.017-018-007		

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CORNER ECO
Aluminium Profile

- CORNER ECO aluminium profile suitable for low cost installation in corners.
- Available with milky cover.

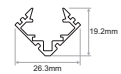
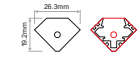


Image	Code	Description	Length	Design-Detail
	PRF.160	CORNER ECO alum.prof. / Anodized	2m	
	COV.051	MILKY COVER for CORNER ECO	2m	
	CAP.150 **CAP.158**	FRONT CAP for CORNER ECO END CAP for CORNER ECO		
	ACC.370	STAINLESS STEEL HOLDER		

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TRIMLESS ECO

Aluminium Profile

- TRIMLESS ECO aluminium profile suitable for low cost installations.
- Available with milky cover.

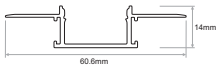
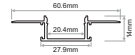
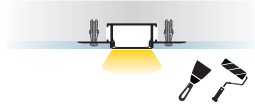


Image	Code	Description	Length	Design-Detail
	PRF.161	TRIMLESS ECO alum.prof. / Anodized	2m	
	COV.052	MILKY COVER for TRIMLESS ECO	2m	
	CAP.151	CAP for TRIMLESS ECO		



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TRIMLESS W ECO

Aluminium Profile

- Trimless W Eco profile suitable for concealed lighting at a specific angle.
- Available with clear or milky cover.

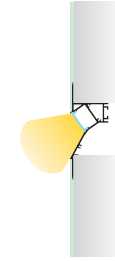
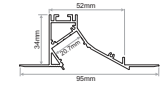
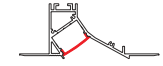
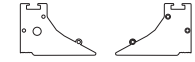


Image	Code	Description	Length	Design-Detail
	PRFW175	TRIMLESS W ECO alum.prof. / White RAL9003	2m	
	COV.056 CLEAR COVER for TRIMLESS W ECO **COV.057** MILKY COVER for TRIMLESS W ECO		2m 2m	
	CAPW162 FRONT CAP (Left) / White RAL9003 for TRIMLESS W ECO **CAPW163** END CAP (Right) / White RAL9003 for TRIMLESS W ECO			

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STAIR DUE

Aluminium Profile

- STAIR DUE aluminium profiles with double light emittance for illuminating stairs.
- The special position of the LEDs in the upper part guarantees a glare free illumination without having the LEDs visible even with transparent cover.

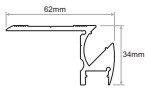
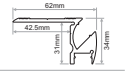
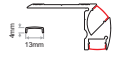
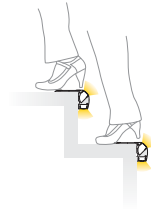
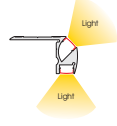


Image	Code	Description	Length	Design-Detail
	PRF.031 **PRF.032**	STAIR DUE alum.prof. / Anodized STAIR DUE alum.prof. / BLACK Anodized	2m 2m	
	COV.023 **COV.024** **COV.025** **COV.026** **COV.038**	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	CAP.053 **CAP.055** **CAP.154** **CAP.155**	END CAP for PRF.031 / Anodized END CAP for PRF.032 / BLACK Anodized FRONT CAP for PRF.031 / Anodized FRONT CAP for PRF.032 / BLACK Anodized		
	ACC.066	'3M' SAFETY WALK BLACK available per reel of 18meters or per meter for PRF.031/032		





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TRIMLESS C ECO

Aluminium Profile

- Trimless C Eco profile suitable for concealed lighting on ceiling.
- Available with clear or milky cover.

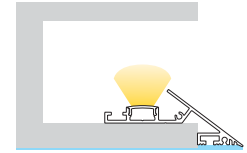
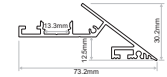
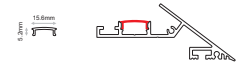
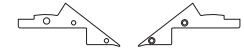
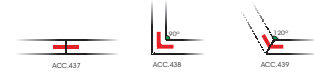


Image	Code	Description	Length	Design-Detail
	PRFW176	TRIMLESS C ECO alum.prof. / White RAL9003	2m	
	COV.058 **COV.059**	CLEAR COVER for TRIMLESS C ECO MILKY COVER for TRIMLESS C ECO	2m 2m	
	CAPW164 **CAPW165**	FRONT CAP (Left) / White RAL9003 for TRIMLESS C ECO END CAP (Right) / White RAL9003 for TRIMLESS C ECO		
	ACC.437 **ACC.438** **ACC.439**	EXTENSION LINE 90° CORNER EXTENSION 60° CORNER EXTENSION		

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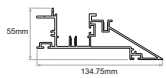
MANDI

Aluminium Profile

- MANDI aluminium profile system
- Corner and line extensions available.



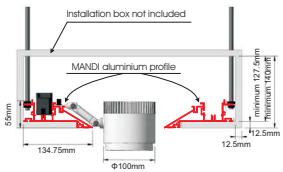
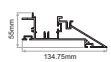
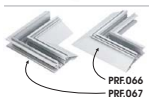
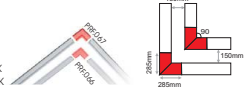
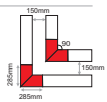
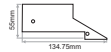
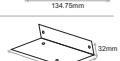
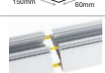
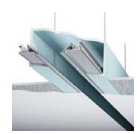
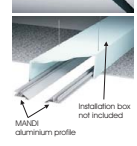


Image	Code	Description	Length	Design-Detail
	PRF.055 **PRF.064** **PRF.059**	MANDI alum.prof. / Anodized MANDI alum.prof. / Anodized Black MANDI alum.prof. / Non-Anodized	2m 2m 2m	
	**PRF.066** **PRF.067**	MANDI CORNER INTERNAL SET 90° BLACK MANDI CORNER EXTERNAL SET 90° BLACK		 
	PRF.068	MANDI CORNER U TYPE SET BLACK		
	CAP.100	END CAP		
	ACC.100	BASE FOR LED DRIVER		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.084	90° CORNER SIDE EXTENSION		





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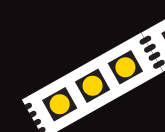
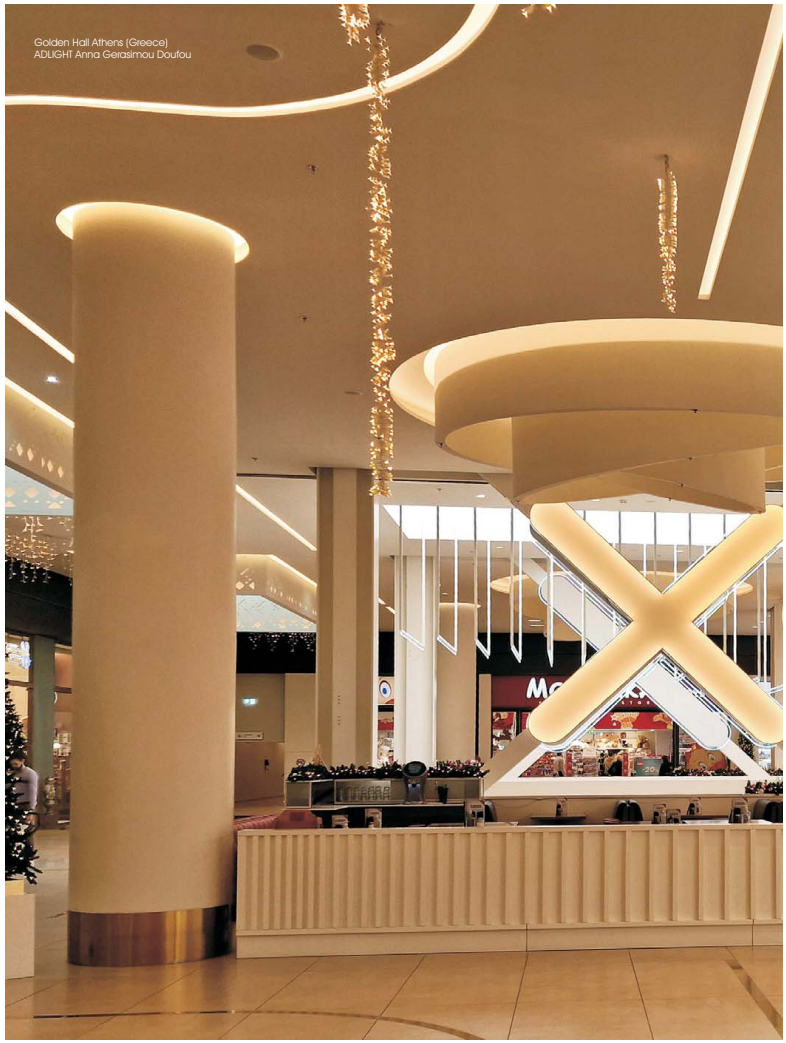
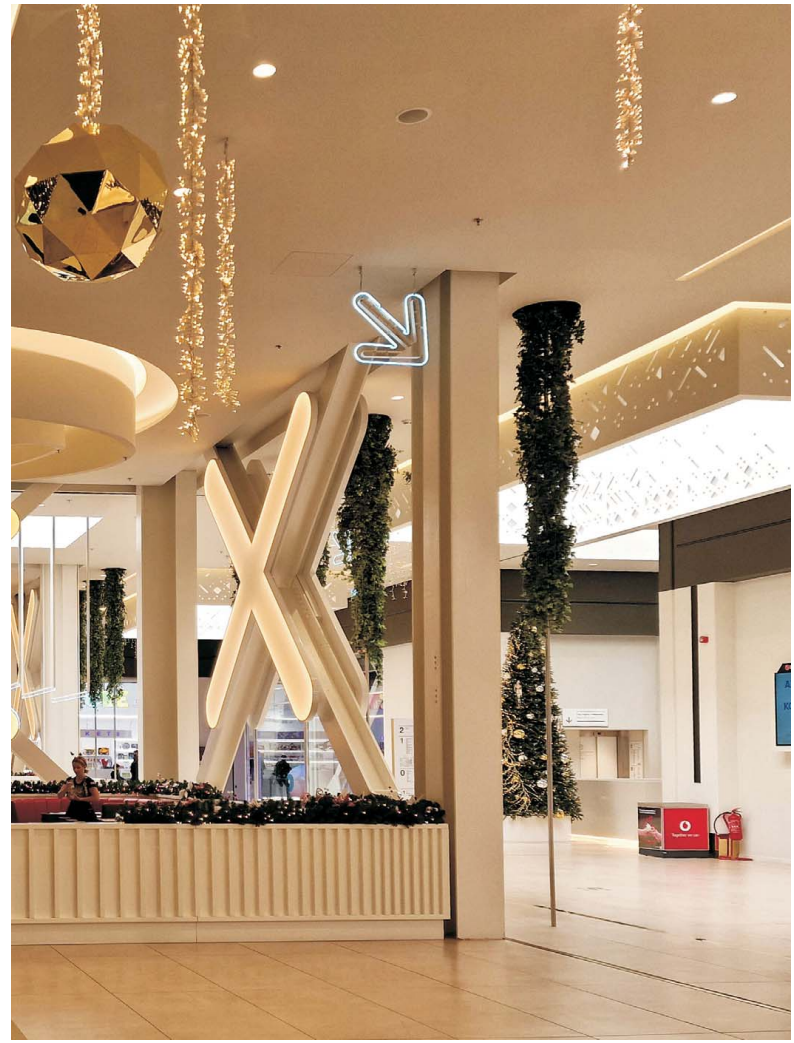
FLEXIBLE LEDS



Golden Hall Athens (Greece)
ADLIGHT Anna Gerasimou Doufou





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PRIME SERIES HE 84LED/m 21W/m CRI80+

Flexible LEDs

Prime series high efficacy is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series has an excellent lumen efficacy that reaches up to 160lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluethooth

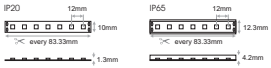
L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

L90/B10 50000h | 3 Step MacAdam | 80+ CRI | up to160 lm/W | 24VDC | 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIVH329	84	21W	5	2000K / 80+	2795	24VDC	120°	83.33	IP20
TIVH330	84	21W	5	2500K / 80+	2795	24VDC	120°	83.33	IP20
TIVH339	84	21W	5	2700K / 80+	3065	24VDC	120°	83.33	IP20
TIVH343	84	21W	5	3000K / 80+	3160	24VDC	120°	83.33	IP20
TIVH347	84	21W	5	4000K / 80+	3250	24VDC	120°	83.33	IP20
TIVH351	84	21W	5	5700K / 80+	3345	24VDC	120°	83.33	IP20
IP65									
TIVH331	84	21W	5	2000K / 80+	2740	24VDC	120°	83.33	IP65
TIVH332	84	21W	5	2500K / 80+	2740	24VDC	120°	83.33	IP65
TIVH340	84	21W	5	2700K / 80+	3005	24VDC	120°	83.33	IP65
TIVH344	84	21W	5	3000K / 80+	3095	24VDC	120°	83.33	IP65
TIVH348	84	21W	5	4000K / 80+	3185	24VDC	120°	83.33	IP65
TIVH352	84	21W	5	5700K / 80+	3280	24VDC	120°	83.33	IP65

*Please confirm the connection points on the modules.
**Available in IP66 upon request.



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Flexible LEDs

PRIME SERIES 84LED/m 21W/m CRI80+

Prime series is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series is offered also at low CCTs: 2000K and 2500K besides the standard CCTs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluethooth

L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

L90/B10 50000h | 3 Step MacAdam | 80+ CRI | up to138 lm/W | 24VDC | 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.329	84	21W	5	2000K / 80+	1912	24VDC	120°	83.33	IP20
TIV.330	84	21W	5	2500K / 80+	2039	24VDC	120°	83.33	IP20
TIV.339	84	21W	5	2700K / 80+	2467	24VDC	120°	83.33	IP20
TIV.343	84	21W	5	3000K / 80+	2550	24VDC	120°	83.33	IP20
TIV.347	84	21W	5	4000K / 80+	2829	24VDC	120°	83.33	IP20
TIV.351	84	21W	5	5700K / 80+	2907	24VDC	120°	83.33	IP20
IP65									
TIV.331	84	21W	5	2000K / 80+	1897	24VDC	120°	83.33	IP65
TIV.332	84	21W	5	2500K / 80+	2003	24VDC	120°	83.33	IP65
TIV.340	84	21W	5	2700K / 80+	2420	24VDC	120°	83.33	IP65
TIV.344	84	21W	5	3000K / 80+	2520	24VDC	120°	83.33	IP65
TIV.348	84	21W	5	4000K / 80+	2805	24VDC	120°	83.33	IP65
TIV.352	84	21W	5	5700K / 80+	2880	24VDC	120°	83.33	IP65

*Please confirm the connection points on the modules.
**Available in IP66 upon request.

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PRIME SERIES 48LED/m 10.5W/m CRI80+

Flexible LEDs

Prime Series is the finest series in the LED strips range produced with Nichia LEDs.
It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluethooth

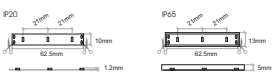
L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

L90/B10 50000h | 3 Step MacAdam | 80+ CRI | up to90 lm/W | 12VDC | 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
IP20									
TIV.308	48	10.5W	5	2700K / 80+	775	12VDC	120°	62.5	IP20
TIV.311	48	10.5W	5	5600K / 80+	950	12VDC	120°	62.5	IP20
IP65									
TIV.314	48	10.5W	5	4000K / 80+	875	12VDC	120°	62.5	IP65
TIV.315	48	10.5W	5	5600K / 80+	950	12VDC	120°	62.5	IP65

*Please confirm the connection points on the modules.



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Flexible LEDs

PRIME SERIES 42LED/m 10W/m CRI80+

Prime series is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series is offered also at low CCTs: 2000K and 2500K besides the standard CCTs. The series has an excellent lumen efficacy that reaches up to 137lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

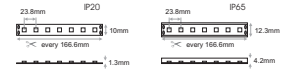
L90/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY NICHIA

L90/B10 50000h | 3 Step MacAdam | 80+ CRI | up to137 lm/W | 24VDC | 5 years Warranty

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.333	42	10.5W	5	2000K / 80+	968	24VDC	120°	166.6	IP20
TIV.334	42	10.5W	5	2500K / 80+	1049	24VDC	120°	166.6	IP20
TIV.341	42	10.5W	5	2700K / 80+	1244	24VDC	120°	166.6	IP20
TIV.345	42	10.5W	5	3000K / 80+	1260	24VDC	120°	166.6	IP20
TIV.349	42	10.5W	5	4000K / 80+	1395	24VDC	120°	166.6	IP20
TIV.353	42	10.5W	5	5700K / 80+	1440	24VDC	120°	166.6	IP20
IP65									
TIV.335	42	10.5W	5	2000K / 80+	955	24VDC	120°	166.6	IP65
TIV.336	42	10.5W	5	2500K / 80+	1021	24VDC	120°	166.6	IP65
TIV.342	42	10.5W	5	2700K / 80+	1230	24VDC	120°	166.6	IP65
TIV.346	42	10.5W	5	3000K / 80+	1245	24VDC	120°	166.6	IP65
TIV.350	42	10.5W	5	4000K / 80+	1380	24VDC	120°	166.6	IP65
TIV.354	42	10.5W	5	5700K / 80+	1420	24VDC	120°	166.6	IP65

*Please confirm the connection points on the modules.
**Available in IP66 upon request.



Akasha Beach Hotel & Spa
(Heraklelon Crete / Greece)

Architects: schema 4 architects
Photos: Manos Efchetzis

AWARDS:
BIGSEE Interior Design AWARD 2022 Winner

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SUPREME SERIES 168LED/m 20W CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 148lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | 127-148 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.418	168	20W	5	2700K / 80+	2665	24VDC	120°	41.67	IP20
TIV.419	168	20W	5	3000K / 80+	2715	24VDC	120°	41.67	IP20
TIV.420	168	20W	5	4000K / 80+	2880	24VDC	120°	41.67	IP20
TIV.421	168	20W	5	5700K / 80+	2950	24VDC	120°	41.67	IP20
IP65									
TIV.426	168	20W	5	2700K / 80+	2530	24VDC	120°	41.67	IP65
TIV.427	168	20W	5	3000K / 80+	2575	24VDC	120°	41.67	IP65
TIV.428	168	20W	5	4000K / 80+	2730	24VDC	120°	41.67	IP65
TIV.429	168	20W	5	5700K / 80+	2800	24VDC	120°	41.67	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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Flexible LEDs

SUPREME SERIES 168LED/m 20W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 126lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | 108-126 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.422	168	20W	5	2700K / 90+	2260	24VDC	120°	41.67	IP20
TIV.423	168	20W	5	3000K / 90+	2328	24VDC	120°	41.67	IP20
TIV.424	168	20W	5	4000K / 90+	2445	24VDC	120°	41.67	IP20
TIV.425	168	20W	5	5700K / 90+	2504	24VDC	120°	41.67	IP20
IP65									
TIV.430	168	20W	5	2700K / 90+	2145	24VDC	120°	41.67	IP65
TIV.431	168	20W	5	3000K / 90+	2210	24VDC	120°	41.67	IP65
TIV.432	168	20W	5	4000K / 90+	2320	24VDC	120°	41.67	IP65
TIV.433	168	20W	5	5700K / 90+	2376	24VDC	120°	41.67	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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TUNABLE WHITE
140/168LED/m 10W/20W CRI80

Flexible LEDs

Tunable White strips are produced with Samsung LEDs. Offered with 2200K, 2700K & 5700K LEDs to create a unique CCT in a space. Can ideally be used with the appropriate aluminium profiles and are offered with adhesive 3M tape on the rear side.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

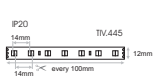
TUNABLE WHITE
2700K-----5700K

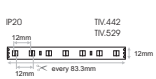
LIGHTSOURCE BY SAMSUNG

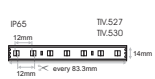
TUNABLE WHITE | CRI80 | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Voltage	Beam Angle	*(mm)	IP Rate
140LED/m, 20W									
TIV.445 /CA	140	20W	5	Adjustable WW (2200K) – CW (5700K)	CRI80	24VDC	120°	100	IP20
168LED/m, 20W									
TIV.442 /CA	168	20W	5	Adjustable WW (2700K) – CW (5700K)	CRI80	24VDC	120°	83.3	IP20
TIV.527 /CA	168	20W	5	Adjustable WW (2700K) – CW (5700K)	CRI80	24VDC	120°	83.3	IP65
168LED/m, 10W									
TIV.529 /CA	168	10W	5	Adjustable WW (2700K) – CW (5700K)	CRI80	24VDC	120°	83.3	IP20
TIV.530 /CA	168	10W	5	Adjustable WW (2700K) – CW (5700K)	CRI80	24VDC	120°	83.3	IP65

* Please confirm the connection points on the modules.







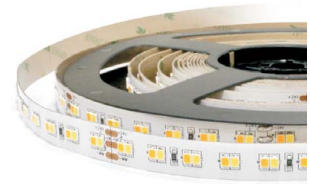
ELECTRON

Flexible LEDs

TUNABLE WHITE
168LED/m 10W/20W CRI90

Tunable White strips are produced with Samsung LEDs. Offered with 2700K & 5700K LEDs to create a unique CCT in a space. Can ideally be used with the appropriate aluminium profiles and are offered with adhesive 3M tape on the rear side.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



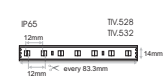
TUNABLE WHITE
2700K-----5700K

LIGHTSOURCE BY SAMSUNG

TUNABLE WHITE | CRI90 | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Voltage	Beam Angle	*(mm)	IP Rate
168LED/m, 20W									
TIV.443 /CA	168	20W	5	Adjustable WW (2700K) – CW (5700K)	CRI90	24VDC	120°	83.3	IP20
TIV.528 /CA	168	20W	5	Adjustable WW (2700K) – CW (5700K)	CRI90	24VDC	120°	83.3	IP65
168LED/m, 10W									
TIV.531 /CA	168	10W	5	Adjustable WW (2700K) – CW (5700K)	CRI90	24VDC	120°	83.3	IP20
TIV.532 /CA	168	10W	5	Adjustable WW (2700K) – CW (5700K)	CRI90	24VDC	120°	83.3	IP65

* Please confirm the connection points on the modules.



ELECTRON

SUPREME SERIES 140LED/m 15W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 136lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to136 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.403	140	15W	5	2700K / 80+	1840	24VDC	120°	50	IP20
TIV.404	140	15W	5	3000K / 80+	1880	24VDC	120°	50	IP20
TIV.405	140	15W	5	4000K / 80+	2000	24VDC	120°	50	IP20
TIV.406	140	15W	5	5700K / 80+	2045	24VDC	120°	50	IP20
IP65									
TIV.407	140	15W	5	2700K / 80+	1750	24VDC	120°	50	IP65
TIV.408	140	15W	5	3000K / 80+	1785	24VDC	120°	50	IP65
TIV.409	140	15W	5	4000K / 80+	1895	24VDC	120°	50	IP65
TIV.410	140	15W	5	5700K / 80+	1940	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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ELECTRON

Flexible LEDs

SUPREME SERIES 140LED/m 15W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 114lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to114 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.411	140	15W	5	2700K / 90+	1545	24VDC	120°	50	IP20
TIV.412	140	15W	5	3000K / 90+	1590	24VDC	120°	50	IP20
TIV.413	140	15W	5	4000K / 90+	1670	24VDC	120°	50	IP20
TIV.440	140	15W	5	5700K / 90+	1710	24VDC	120°	50	IP20
IP65									
TIV.414	140	15W	5	2700K / 90+	1470	24VDC	120°	50	IP65
TIV.415	140	15W	5	3000K / 90+	1505	24VDC	120°	50	IP65
TIV.416	140	15W	5	4000K / 90+	1580	24VDC	120°	50	IP65
TIV.441	140	15W	5	5700K / 90+	1617	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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SUPREME SERIES 140LED/m 10W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 139lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

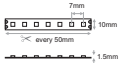
LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to 139 lm/W | 24VDC

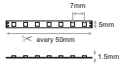
Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.360	140	10W	5	2700K / 80+	1250	24VDC	120°	50	IP20
TIV.361	140	10W	5	3000K / 80+	1280	24VDC	120°	50	IP20
TIV.362	140	10W	5	4000K / 80+	1360	24VDC	120°	50	IP20
TIV.363	140	10W	5	5700K / 80+	1390	24VDC	120°	50	IP20
TIV.522	140	10W	5	2700K / 80+	1250	24VDC	120°	50	IP20
TIV.523	140	10W	5	3000K / 80+	1280	24VDC	120°	50	IP20
TIV.524	140	10W	5	4000K / 80+	1360	24VDC	120°	50	IP20
IP65									
TIV.364	140	10W	5	2700K / 80+	1190	24VDC	120°	50	IP65
TIV.365	140	10W	5	3000K / 80+	1215	24VDC	120°	50	IP65
TIV.366	140	10W	5	4000K / 80+	1290	24VDC	120°	50	IP65
TIV.367	140	10W	5	5700K / 80+	1320	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

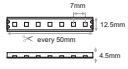
IP20
TIV.360/361/362/363



IP20
TIV.522/523/524



IP65



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Flexible LEDs

SUPREME SERIES 140LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116m/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

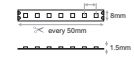
LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to 116 lm/W | 24VDC

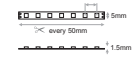
Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.376	140	10W	5	2700K / 90+	1050	24VDC	120°	50	IP20
TIV.377	140	10W	5	3000K / 90+	1080	24VDC	120°	50	IP20
TIV.378	140	10W	5	4000K / 90+	1135	24VDC	120°	50	IP20
TIV.438	140	10W	5	5700K / 90+	1162	24VDC	120°	50	IP20
TIV.535	140	10W	5	2700K / 90+	1050	24VDC	120°	50	IP20
TIV.536	140	10W	5	3000K / 90+	1080	24VDC	120°	50	IP20
TIV.537	140	10W	5	4000K / 90+	1135	24VDC	120°	50	IP20
IP65									
TIV.379	140	10W	5	2700K / 90+	1000	24VDC	120°	50	IP65
TIV.380	140	10W	5	3000K / 90+	1025	24VDC	120°	50	IP65
TIV.381	140	10W	5	4000K / 90+	1075	24VDC	120°	50	IP65
TIV.439	140	10W	5	5700K / 90+	1100	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

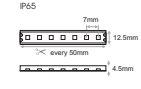
IP20
TIV.376/377/378/438



IP20
TIV.535/536/537



IP65



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SUPREME SERIES 140LED/m 5W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to138 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.490	140	5W	5	2700K / 80+	620	24VDC	120°	50	IP20
TIV.491	140	5W	5	3000K / 80+	635	24VDC	120°	50	IP20
TIV.492	140	5W	5	4000K / 80+	675	24VDC	120°	50	IP20
TIV.493	140	5W	5	5700K / 80+	690	24VDC	120°	50	IP20
IP65									
TIV.494	140	5W	5	2700K / 80+	590	24VDC	120°	50	IP65
TIV.495	140	5W	5	3000K / 80+	605	24VDC	120°	50	IP65
TIV.496	140	5W	5	4000K / 80+	640	24VDC	120°	50	IP65
TIV.497	140	5W	5	5700K / 80+	655	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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Flexible LEDs

SUPREME SERIES 140LED/m 5W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 115lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to115 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.498	140	5W	5	2700K / 90+	520	24VDC	120°	50	IP20
TIV.499	140	5W	5	3000K / 90+	535	24VDC	120°	50	IP20
TIV.500	140	5W	5	4000K / 90+	560	24VDC	120°	50	IP20
TIV.501	140	5W	5	5700K / 90+	573	24VDC	120°	50	IP20
IP65									
TIV.502	140	5W	5	2700K / 90+	495	24VDC	120°	50	IP65
TIV.503	140	5W	5	3000K / 90+	510	24VDC	120°	50	IP65
TIV.504	140	5W	5	4000K / 90+	535	24VDC	120°	50	IP65
TIV.505	140	5W	5	5700K / 90+	548	24VDC	120°	50	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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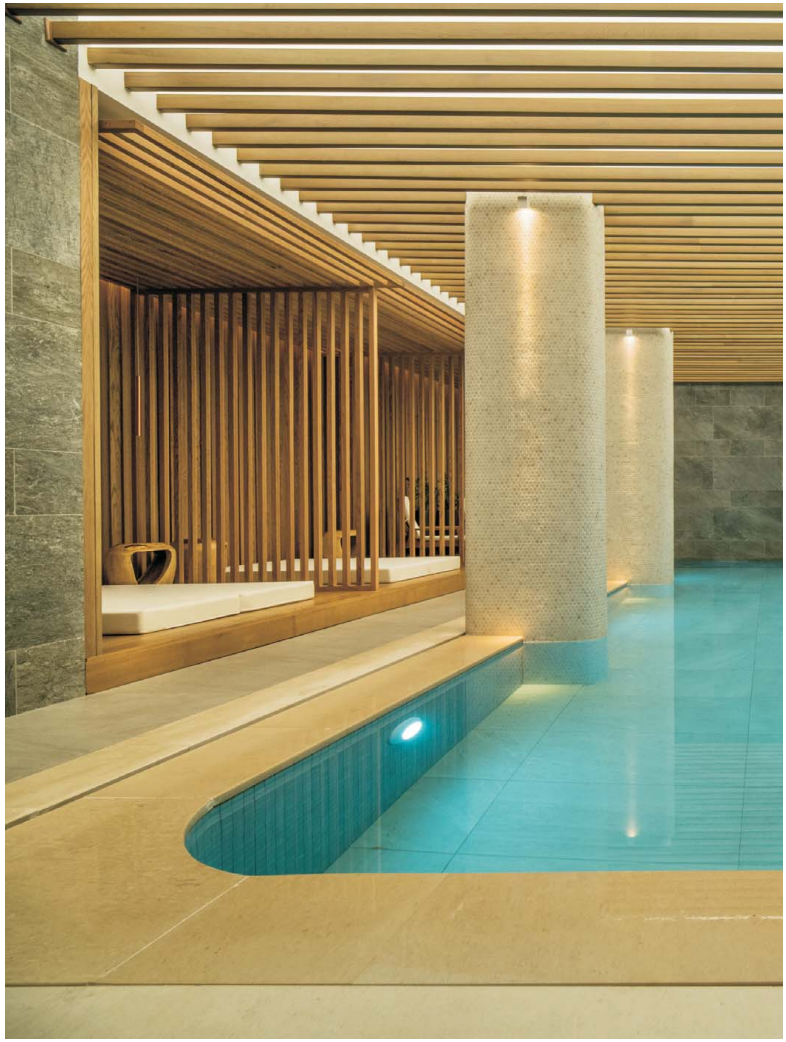

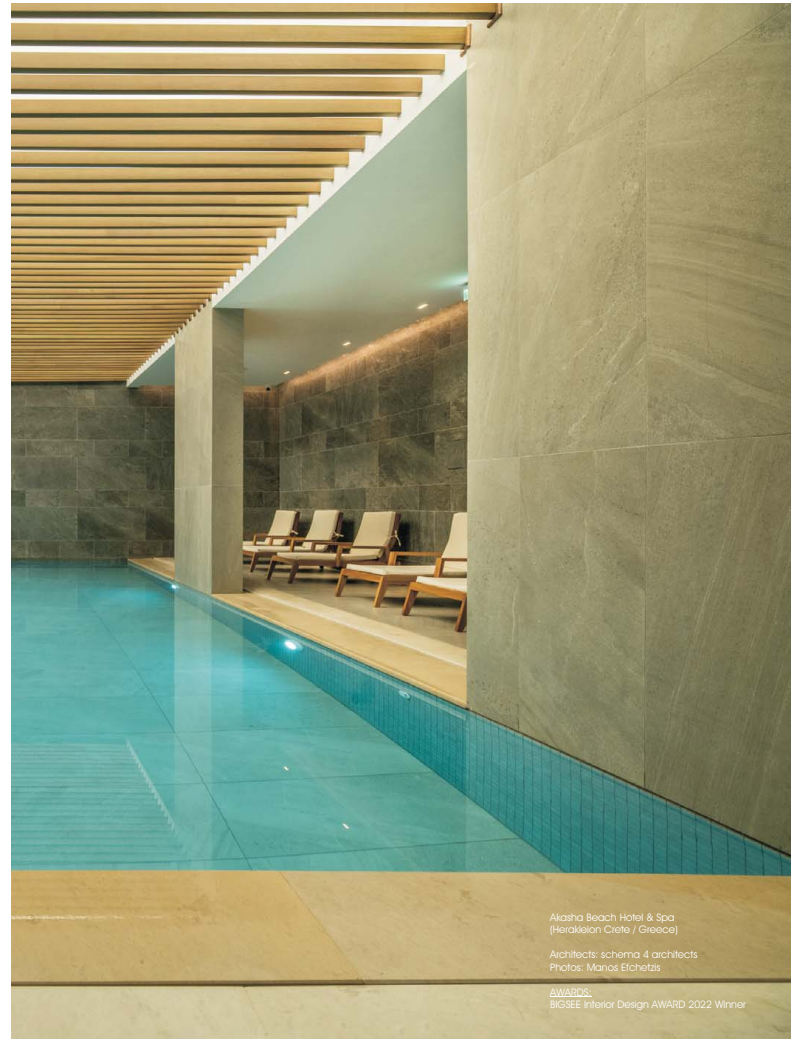

Akasha Beach Hotel & Spa
(Heraklelon Crete / Greece)

Architects: schema 4 architects
Photos: Manos Efchetzis

AWARDS:
BIGSEE Interior Design AWARD 2022 Winner

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SUPREME SERIES 70LED/m 10W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 139lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to139 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.506	70	10W	5	2700K / 80+	1250	24VDC	120°	100	IP20
TIV.507	70	10W	5	3000K / 80+	1280	24VDC	120°	100	IP20
TIV.508	70	10W	5	4000K / 80+	1360	24VDC	120°	100	IP20
TIV.509	70	10W	5	5700K / 80+	1390	24VDC	120°	100	IP20
IP65									
TIV.510	70	10W	5	2700K / 80+	1190	24VDC	120°	100	IP65
TIV.511	70	10W	5	3000K / 80+	1215	24VDC	120°	100	IP65
TIV.512	70	10W	5	4000K / 80+	1290	24VDC	120°	100	IP65
TIV.513	70	10W	5	5700K / 80+	1320	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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ELECTRON

Flexible LEDs

SUPREME SERIES 70LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116m/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to116 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.514	70	10W	5	2700K / 90+	1050	24VDC	120°	100	IP20
TIV.515	70	10W	5	3000K / 90+	1080	24VDC	120°	100	IP20
TIV.516	70	10W	5	4000K / 90+	1135	24VDC	120°	100	IP20
TIV.517	70	10W	5	5700K / 90+	1162	24VDC	120°	100	IP20
IP65									
TIV.518	70	10W	5	2700K / 90+	1000	24VDC	120°	100	IP65
TIV.519	70	10W	5	3000K / 90+	1025	24VDC	120°	100	IP65
TIV.520	70	10W	5	4000K / 90+	1075	24VDC	120°	100	IP65
TIV.521	70	10W	5	5700K / 90+	1100	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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SUPREME SERIES 70LED/m 5W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to138 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.368	70	5W	5	2700K / 80+	620	24VDC	120°	100	IP20
TIV.369	70	5W	5	3000K / 80+	635	24VDC	120°	100	IP20
TIV.370	70	5W	5	4000K / 80+	675	24VDC	120°	100	IP20
TIV.371	70	5W	5	5700K / 80+	690	24VDC	120°	100	IP20
IP65									
TIV.372	70	5W	5	2700K / 80+	590	24VDC	120°	100	IP65
TIV.373	70	5W	5	3000K / 80+	605	24VDC	120°	100	IP65
TIV.374	70	5W	5	4000K / 80+	640	24VDC	120°	100	IP65
TIV.375	70	5W	5	5700K / 80+	655	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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Flexible LEDs

SUPREME SERIES 70LED/m 5W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 115lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to115 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.382	70	5W	5	2700K / 90+	520	24VDC	120°	100	IP20
TIV.383	70	5W	5	3000K / 90+	535	24VDC	120°	100	IP20
TIV.384	70	5W	5	4000K / 90+	560	24VDC	120°	100	IP20
TIV.436	70	5W	5	5700K / 90+	573	24VDC	120°	100	IP20
IP65									
TIV.385	70	5W	5	2700K / 90+	495	24VDC	120°	100	IP65
TIV.386	70	5W	5	3000K / 90+	510	24VDC	120°	100	IP65
TIV.387	70	5W	5	4000K / 90+	535	24VDC	120°	100	IP65
TIV.437	70	5W	5	5700K / 90+	548	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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SUPREME SERIES 70LED/m 3W/m CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 145lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 80+ CRI | up to145 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.389	70	3W	5	2700K / 80+	390	24VDC	120°	100	IP20
TIV.390	70	3W	5	3000K / 80+	400	24VDC	120°	100	IP20
TIV.391	70	3W	5	4000K / 80+	425	24VDC	120°	100	IP20
TIV.392	70	3W	5	5700K / 80+	435	24VDC	120°	100	IP20
IP65									
TIV.393	70	3W	5	2700K / 80+	370	24VDC	120°	100	IP65
TIV.394	70	3W	5	3000K / 80+	380	24VDC	120°	100	IP65
TIV.395	70	3W	5	4000K / 80+	405	24VDC	120°	100	IP65
TIV.396	70	3W	5	5700K / 80+	415	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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Flexible LEDs

SUPREME SERIES 70LED/m 3W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 121lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L80/B10 50.000h
3 Step MacAdam

LIGHTSOURCE BY SAMSUNG

L80/B10 50000h | 3 Step MacAdam | 90+ CRI | up to121 lm/W | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.397	70	3W	5	2700K / 90+	330	24VDC	120°	100	IP20
TIV.398	70	3W	5	3000K / 90+	335	24VDC	120°	100	IP20
TIV.399	70	3W	5	4000K / 90+	355	24VDC	120°	100	IP20
TIV.434	70	3W	5	5700K / 90+	363	24VDC	120°	100	IP20
IP65									
TIV.400	70	3W	5	2700K / 90+	310	24VDC	120°	100	IP65
TIV.401	70	3W	5	3000K / 90+	320	24VDC	120°	100	IP65
TIV.402	70	3W	5	4000K / 90+	335	24VDC	120°	100	IP65
TIV.435	70	3W	5	5700K / 90+	343	24VDC	120°	100	IP65

* Please confirm the connection points on the modules.
** Available in IP66 upon request.

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SUPREME SERIES 60LED/m 20W CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 103lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

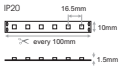
L70/B36 36.000h

LIGHTSOURCE BY SAMSUNG

L70/B36 36000h	80+ CRI	92-103 lm/W	24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
TIV.317	60	20W	5	2700K / 80+	1850	24VDC	120°	100	IP20
TIV.355	60	20W	5	3000K / 80+	1950	24VDC	120°	100	IP20
TIV.316	60	20W	5	4000K / 80+	2050	24VDC	120°	100	IP20

*Please confirm the connection points on the modules.



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Flexible LEDs

SUPREME SERIES 60LED/m 20W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 98lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

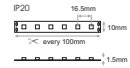
L70/B36 36.000h

LIGHTSOURCE BY SAMSUNG

L70/B36 36000h	90+ CRI	85-98 lm/W	24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
TIV.358	60	20W	5	2700K / 90+	1700	24VDC	120°	100	IP20
TIV.324	60	20W	5	3000K / 90+	1750	24VDC	120°	100	IP20
TIV.326	60	20W	5	4000K / 90+	1950	24VDC	120°	100	IP20

*Please confirm the connection points on the modules.



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SUPREME SERIES 30LED/m 10W CRI80+

Flexible LEDs

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 105lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

L70/B36 36.000h

LIGHTSOURCE BY SAMSUNG

L70/B36 36000h | 80+ CRI | 90-105 lm/W | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
IP20									
TIV.356	30	10W	5	2700K / 80+	950	12VDC	120°	100	IP20
TIV.319	30	10W	5	3000K / 80+	1000	12VDC	120°	100	IP20
TIV.318	30	10W	5	4000K / 80+	1050	12VDC	120°	100	IP20
IP65									
TIV.357	30	10W	5	2700K / 80+	900	12VDC	120°	100	IP65
TIV.321	30	10W	5	3000K / 80+	950	12VDC	120°	100	IP65
TIV.320	30	10W	5	4000K / 80+	1000	12VDC	120°	100	IP65

*Please confirm the connection points on the modules.

Flexible LEDs

L70/B36 36.000h

SUPREME SERIES 30LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 110lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

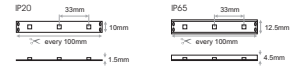
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

LIGHTSOURCE BY SAMSUNG

L70/B36 36000h | 90+ CRI | 110 lm/W | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
IP20									
TIV.337	30	10W	5	2700K-3000K / 90+	1100	12VDC	120°	100	IP20
IP65									
TIV.338	30	10W	5	2700K-3000K / 90+	1050	12VDC	120°	100	IP65

*Please confirm the connection points on the modules.



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Allia Resort & Spa, Rhodes, Greece

SUPREME SERIES 60LED/m
Thermal Management

Supreme Series is the finest series of LED strips with Samsung LEDs. It is offered with adhesive tape on the rear side. Different CCTs are available upon request. It offers Thermal Management and it has Constant Current IC.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

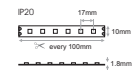
THERMAL MANAGEMENT

LIGHTSOURCE BY SAMSUNG

Thermal Management | 80+ CRI | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate
TIV.328	60	20W	5	3000K / 80+	2000	24VDC	120°	100	IP20
TIV.327	60	20W	5	4000K / 80+	2150	24VDC	120°	100	IP20

* Please confirm the connection points on the modules.



WIRELESS CONTROL 32LED/m

Flexible LEDs

The Wireless Control strip has individually controllable pixels one by one through standard programs of CDS.304 controller. The cutting section of 1LED and 1 IC ensures higher flexibility of installation. It is offered at 2pcs of 80 LEDs (2x2.5m) RGB. 2x240 pixels / 2x7.5m can be controlled with CDS.304 in parallel signal connection. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

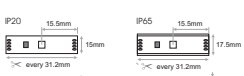
One by one individually controllable LEDs through standard programs of CDS.304 wireless controller.
94 modes with adjustable speed.
2x240 pixels / 2x7.5m in parallel signal connection

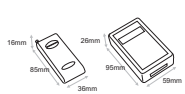
Wireless Control | **5VDC**

Code	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	Pixel Pitch* (mm)	IP Rate
IP20								
TIV.304	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP20
IP65								
TIV.305	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP65

*Please confirm the connection points on the modules.

Code	Supply Voltage	Nr. of modes/ programms	Control
CDS.304	12VDC PSU is included	94	Stand alone or wireless RF remote control





ACC.244
Holder supplied as extra

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Flexible LEDs

DMX512 DIRECT CONTROL 32LED/m

The DMX512 Direct Control strip has individually controllable pixels one by one through standard DMX12 protocol. The cutting section of 1LED and 1 IC ensures higher flexibility of installation. It is ideal for creating LED matrix effects. It is offered at 2pcs of 80 LEDs (2x2.5m) RGB. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

One by one individually controllable LEDs through standard DMX-512 control protocol.

DMX-512 Direct Control | **5VDC**

Code	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	Pixel Pitch* (mm)	IP Rate
IP20								
TIV.306	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP20
IP65								
TIV.307	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP65

*Please confirm the connection points on the modules.

ACC.244
Holder supplied as extra

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STANDARD SERIES 192 & 144 LED/m
R+G+B+W(4000K) one by one chip

Flexible LEDs

R+G+B+W one by one chip LED strips are offered for creating unique colour effects and for static scenes. The intensity varies 15W/m & 27W/m depending on the desired lighting outcome. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

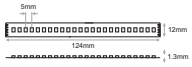
Lighting management options:
DMX, DALI, Wireless IR or RF controllers

R+G+B+W one by one chip | **24VDC**

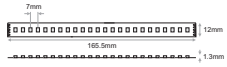
Code	No.LED/m	Watt/m	Reel(m)	CCT*	Voltage	Beam Angle	**(mm)	IP Rate
TIV.264 /CA	192	27W	5	R+G+B+W (4000K)	24VDC	120°	124	IP20
TIV.265 /CA	144	15W	5	R+G+B+W (4000K)	24VDC	120°	165.5	IP20

* Adjustable colour temperature by adding blue or red.
** Please confirm the connection points on the modules.
*** Common Anode connection

TIV.264



TIV.265



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Flexible LEDs

STANDARD SERIES 108, 84, 60, 48 LED/m
RGBW-RGBWW-RGBCW 4in1 chip

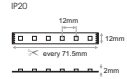
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Adjustable CCT RGBW, RGBWW, RGBCW | **24VDC**

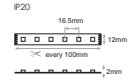
Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	*(mm)	IP Rate
IP20								
TIV.240 /CA	84	27W	5	RGBWW 4in1 (2700K) Adjustable	24VDC	120°	71.5	IP20
TIV.241 /CA	60	19.5W	5	RGBWW 4in1 (2700K) Adjustable	24VDC	120°	100	IP20
TIV.243 /CA	84	27W	5	RGBCW 4in1 (6000K) Adjustable	24VDC	120°	71.5	IP20
TIV.244 /CA	60	19.5W	5	RGBCW 4in1 (6000K) Adjustable	24VDC	120°	100	IP20
TIV.534 /CA	108	15W	5	RGBW 4in1 (2700K) Adjustable	24VDC	120°	50.5	IP20
IP65								
TIV.242 /CA	48	15.4W	5	RGBWW 4in1 (2700K) Adjustable	24VDC	120°	125	IP65
TIV.245 /CA	48	15.4W	5	RGBCW 4in1 (5600K) Adjustable	24VDC	120°	125	IP65
TIV.533 /CA	108	15W	5	RGBW 4in1 (2700K) Adjustable	24VDC	120°	50.5	IP65

* Please confirm the connection points on the modules.

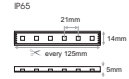
TIV.240/243
IP20



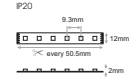
TIV.241/244
IP20



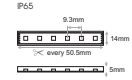
TIV.242/TIV.245
IP65



TIV.534
IP20



TIV.533
IP65



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STANDARD SERIES 96 & 60 LED/m
RGB+WW 3CHIP

Flexible LEDs

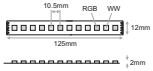
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Adjustable CCT RGB+WW | **24VDC**

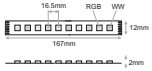
Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	*(mm)	IP Rate
IP20								
TIV.237 /CA	96	23W	5	48RGB+48WW (3000K)	Adjustable	24VDC	120°	125	IP20
TIV.235 /CA	60	14.4W	5	30RGB+30WW (3000K)	Adjustable	24VDC	120°	167	IP20
IP65								
TIV.263 /CA	96	23W	5	48RGB+48WW (3000K)	Adjustable	24VDC	120°	125	IP65
TIV.236 /CA	60	14.4W	5	30RGB+30WW (3000K)	Adjustable	24VDC	120°	167	IP65

* Please confirm the connection points on the modules.

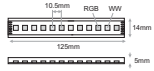
TIV.237
IP20



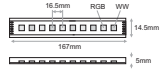
TIV.235
IP20



TIV.263
IP65



TIV.236
IP65



Flexible LEDs

STANDARD SERIES 96LED/m
RGBin1 3CHIP

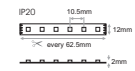
Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

RGB | **24VDC**

Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	*(mm)	IP Rate
TIV.229 /CA	96	23W	5	RGB	24VDC	120°	62.5	IP20

* Please confirm the connection points on the modules.

IP20



STANDARD SERIES 60LED/m
RGBin1 3CHIP

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

RGB | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Wavelength	Voltage	Beam Angle	*(mm)	IP Rate
IP20										
TIV.121 /CC	60	14.5W	5	RGB	R: 88 lm/m G:266 lm/m B: 58 lm/m	R: 624nm G:526nm B: 463nm	24VDC	120°	100	IP20
TIV.199 /CA	60	14.5W	5	RGB			24VDC	120°	100	IP20
IP65										
TIV.169 /CC	60	14.5W	5	RGB	R: 84 lm/m G:254 lm/m B: 55 lm/m	R: 624nm G:526nm B: 463nm	24VDC	120°	100	IP65
TIV.138 /CA	60	14.5W	5	RGB			24VDC	120°	100	IP65

* Please confirm the connection points on the modules.

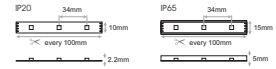
STANDARD SERIES 30LED/m
RGBin1 3CHIP

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

RGB | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Wavelength	Voltage	Beam Angle	*(mm)	IP Rate
IP20										
TIV.120 /CA	30	7.2W	5	RGB	R: 32 lm/m G:130 lm/m B: 26 lm/m	R: 624nm G:526nm B: 463nm	12VDC	120°	100	IP20
TIV.157 /CC	30	7.2W	5	RGB			12VDC	120°	100	IP20
IP65										
TIV.160 /CC	30	7.2W	5	RGB	R: 30 lm/m G:124 lm/m B: 25 lm/m	R: 624nm G:526nm B: 463nm	12VDC	120°	100	IP65

* Please confirm the connection points on the modules.



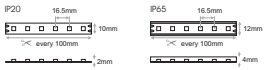
STANDARD SERIES 60LED/m
Monochromatic 3CHIP

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Monochromatic 3chip | **24VDC**

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.222	60	14.4W	5	2600-2900K	730	24VDC	120°	100	IP20
TIV.189	60	14.4W	5	2900-3300K	780	24VDC	120°	100	IP20
TIV.217	60	14.4W	5	3900-4300K	840	24VDC	120°	100	IP20
TIV.188	60	14.4W	5	5700-6300K	950	24VDC	120°	100	IP20
TIV.227	60	14.4W	5	BLUE	-	24VDC	120°	100	IP20
TIV.228	60	14.4W	5	RED	-	24VDC	120°	100	IP20
IP65									
TIV.223	60	14.4W	5	2600-2900K	700	24VDC	120°	100	IP65
TIV.193	60	14.4W	5	2900-3300K	740	24VDC	120°	100	IP65
TIV.218	60	14.4W	5	3900-4300K	800	24VDC	120°	100	IP65
TIV.192	60	14.4W	5	5700-6300K	900	24VDC	120°	100	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules



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Flexible LEDs

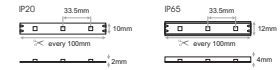
STANDARD SERIES 30LED/m
Monochromatic 3CHIP

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Monochromatic 3chip | **12VDC**

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.224	30	7.2W	5	2600-2900K	330	12VDC	120°	100	IP20
TIV.191	30	7.2W	5	2900-3300K	390	12VDC	120°	100	IP20
TIV.238	30	7.2W	5	3900-4400K	390	12VDC	120°	100	IP20
TIV.190	30	7.2W	5	5700-6300K	470	12VDC	120°	100	IP20
IP65									
TIV.225	30	7.2W	5	2600-2900K	310	12VDC	120°	100	IP65
TIV.195	30	7.2W	5	2900-3300K	370	12VDC	120°	100	IP65
TIV.194	30	7.2W	5	5700-6300K	440	12VDC	120°	100	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules



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STANDARD SERIES 120LED/m
Monochromatic

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Monochromatic | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	✂(mm)	IP Rate
IP20									
TIV.251	120	9.6W	5	2200-2400K	580	12VDC	120°	25	IP20
TIV.220	120	9.6W	5	2600-2900K	600	12VDC	120°	25	IP20
TIV.175	120	9.6W	5	2900-3300K	640	12VDC	120°	25	IP20
TIV.201	120	9.6W	5	3900-4300K	720	12VDC	120°	25	IP20
TIV.174	120	9.6W	5	5700-6300K	780	12VDC	120°	25	IP20
TIV.173	120	9.6W	5	BLUE	-	12VDC	120°	25	IP20
TIV.202	120	9.6W	5	AMBER	-	12VDC	120°	25	IP20
IP65									
TIV.252	120	9.6W	5	2200-2400K	560	12VDC	120°	25	IP65
TIV.221	120	9.6W	5	2600-2900K	580	12VDC	120°	25	IP65
TIV.184	120	9.6W	5	2900-3300K	620	12VDC	120°	25	IP65
TIV.216	120	9.6W	5	3900-4300K	705	12VDC	120°	25	IP65
TIV.185	120	9.6W	5	5700-6300K	750	12VDC	120°	25	IP65
TIV.186	120	9.6W	5	BLUE	-	12VDC	120°	25	IP65
TIV.187	120	9.6W	5	RED	-	12VDC	120°	25	IP65
TIV.197	120	9.6W	5	GREEN	-	12VDC	120°	25	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules

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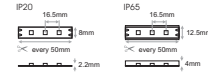
STANDARD SERIES 60LED/m
Monochromatic

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Monochromatic | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	✂(mm)	IP Rate**
IP20									
TIV.249	60	4.8W	5	2200-2400K	240	12VDC	120°	50	IP20
TIV.206	60	4.8W	5	2600-2900K	260	12VDC	120°	50	IP20
TIV.143	60	4.8W	5	2900-3300K	280	12VDC	120°	50	IP20
TIV.214	60	4.8W	5	3900-4300K	310	12VDC	120°	50	IP20
TIV.142	60	4.8W	5	5700-6300K	350	12VDC	120°	50	IP20
TIV.141	60	4.8W	5	RED	-	12VDC	120°	50	IP20
TIV.140	60	4.8W	5	GREEN	-	12VDC	120°	50	IP20
TIV.139	60	4.8W	5	BLUE	-	12VDC	120°	50	IP20
TIV.144	60	4.8W	5	AMBER	-	12VDC	120°	50	IP20
IP65									
TIV.250	60	4.8W	5	2200-2400K	240	12VDC	120°	50	IP65
TIV.219	60	4.8W	5	2600-2900K	240	12VDC	120°	50	IP65
TIV.162	60	4.8W	5	2900-3300K	260	12VDC	120°	50	IP65
TIV.215	60	4.8W	5	3900-4300K	290	12VDC	120°	50	IP65
TIV.161	60	4.8W	5	5700-6300K	225	12VDC	120°	50	IP65
TIV.158	60	4.8W	5	RED	-	12VDC	120°	50	IP65
TIV.163	60	4.8W	5	BLUE	-	12VDC	120°	50	IP65
TIV.198	60	4.8W	5	AMBER	-	12VDC	120°	50	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules



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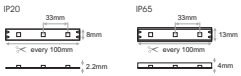
STANDARD SERIES 30LED/m
Monochromatic

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Monochromatic | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
IP20									
TIV.172	30	2.5W	5	2900-3300K	120	12VDC	120°	100	IP20
TIV.171	30	2.5W	5	5700-6300K	150	12VDC	120°	100	IP20
TIV.170	30	2W	5	BLUE	-	12VDC	120°	100	IP20
IP65									
TIV.182	30	2.5W	5	2900-3300K	110	12VDC	120°	100	IP65
TIV.183	30	2.5W	5	5700-6300K	140	12VDC	120°	100	IP65

* Available in other colours upon request
** Please confirm the connection points on the modules



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ELECTRON

Flexible LEDs

5mm WIDTH 96LED/m

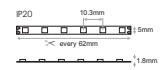
A LED strip of 5mm width, ideal for applications with special requirements in terms of width.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

5mm Width | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
TIV.254	96	7.6W	5	4000K / 80+	800	24VDC	120°	62	IP20

* Please confirm the connection points on the modules.



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WW BENDABLE 60LED/m

Flexible LEDs

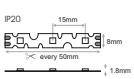
Bendable LED Strip ideal for special application requirements.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

WW Bandable | 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)	IP Rate**
TIV.255	60	4.8W	5	2900-3100K / 80+	430	12VDC	120°	50	IP20
TIV.256	60	4.8W	5	4000-4300K / 80+	570	12VDC	120°	50	IP20

* Please confirm the connection points on the modules.



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ELECTRON

Flexible LEDs

VARIABLE ANGLE 60, 70 LED/m

Strip with variable angle of LEDs for special application requirements.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

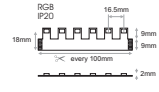
Variable Angle | 24VDC

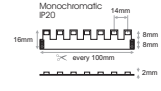
Code*	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	**(mm)	IP Rate
TIV.259 /CA	60	14.4W	5	RGB	24VDC	120°	100	IP20

*CA= Common Anode
** Please confirm the connection points on the modules.

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)	IP Rate
TIV.257	70	4.8W	5	2900-3100K / 80+	430	24VDC	120°	100	IP20
TIV.258	70	4.8W	5	4000-4300K / 80+	570	24VDC	120°	100	IP20

* Please confirm the connection points on the modules.





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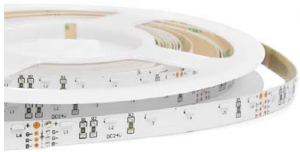
SIDE EMITTING 60LED/m RGBin1

Flexible LEDs

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

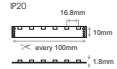


Side Emitting | 24VDC

Code*	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	**(mm)	IP Rate
TIV.181 /CA	60	14.4W	5	RGB	24VDC	120°	100	IP20

*CA= Common Anode
** Please confirm the connection points on the modules.

IP20



SIDE EMITTING 120LED/m Monochromatic

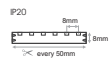
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

Side Emitting | 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	*(mm)	IP Rate
TIV.149	120	14.4W	5	2700K	24VDC	120°	50	IP20
TIV.148	120	14.4W	5	5000K	24VDC	120°	50	IP20

* Please confirm the connection points on the modules.

IP20



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ELECTRON

Flexible LEDs

Connectors / Accessories

Image	Code	Description

CONNECTORS FOR MONOCHROMATIC LED STRIPS

ACC.215 2 connectors for Single Colour 8mm

ACC.216 Wire connector for Single Colour 8mm

ACC.217 Wire connector for Single Colour 10mm

ACC.219 Wire & 2 connectors for Single Colour 8mm

ACC.220 Wire & 2 connectors for Single Colour 10mm

ACC.223 2 connectors for Single Colour 10mm

CONNECTORS FOR RGB LED STRIPS

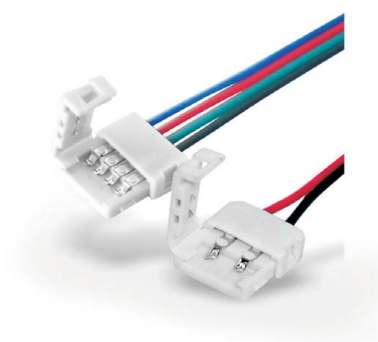
ACC.214 2 connectors.

ACC.212 Wire in between two connectors.

ACC.218 Wire connector for RGB 10mm

ACC.221 Wire & 2 connectors for RGB 10mm

ACC.224 2 connectors for RGB 10mm



ACCESSORIES FOR LED STRIPS

ACC.239 End cap for Waterproof LED STRIPS.

ACC.240 Holder for Waterproof LED STRIPS.

ACC.241 Male-Female power connector for Monochromatic LED STRIPS.

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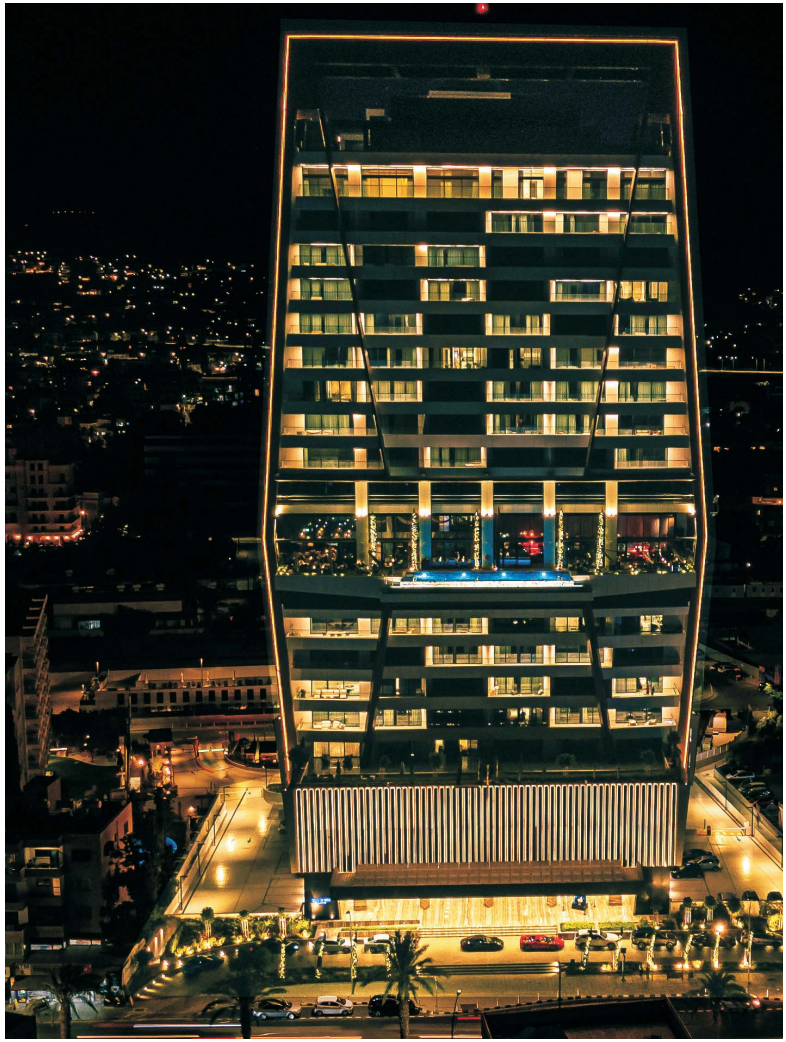

ICON TOWER High Rise Residential (Limassol, Cyprus)
Lighting design: Sigala-lighting
Architect: UDS Architects
Photo: Marios Ioannides

AWARD:

LIT LIGHTING DESIGN AWARDS
LIGHTING DESIGN AWARDS:
Winners in Residential Lighting Design

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FLAT H MILKY LED

Flexible LEDs

- FLAT H Milky LED is fully encapsulated Horizontal bending flexible linear LED.
- Available with NICHIA smd LEDS or in standard version.
- Available in PVC or Silicone.
- Bin/Step: Monochromatic White LEDs PVC: 4 SDCM
- Bin/Step: Monochromatic White LEDs Silicone: 3 SDCM
- Monochromatic White LEDs CRI>80, 2700/3000/3500/4000K also available in CRI>90 upon request.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap DIY IP67
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

Max connection lengths:

PVC:
- Monochromatic & Tunable White: 10m single supply/ 20m double supply
- RGB: 7m single supply/ 14m double supply
- RGBW: 5m single supply/ 10m double supply

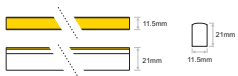
Silicone:
- Monochromatic, Dim to Warm & Tunable White: 15m single supply/ 30m double supply
- RGB: 10m single supply/ 20m double supply
- RGBW: 8m single supply/ 16m double supply

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

- ✓ UV Resistant
- ✓ Solvent Resistant
- ✓ Saltwater Resistant
- ✓ Flame Resistant

- ✓ Monochromatic
- ✓ Tunable White
- ✓ Dim to Warm
- ✓ RGB, RGBW

All connectors are supplied with waterproof junction protection barrel



Golden Yachts - Yacht Optasia

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PVC

Flat Horizontal Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connention

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.460	60	12W	20	2200K	≥80	275	24VDC	120°	100
TIV.461	60	12W	20	2500K	≥80	280	24VDC	120°	100
TIV.446	60	12W	20	2700K	≥80	280	24VDC	120°	100
TIV.450	60	12W	20	3000K	≥80	315	24VDC	120°	100
TIV.462	60	12W	20	3500K	≥80	315	24VDC	120°	100
TIV.451	60	12W	20	4000K	≥80	320	24VDC	120°	100
TIV.463	60	12W	20	4500K	≥80	320	24VDC	120°	100
TIV.452	60	12W	20	5000K	≥80	320	24VDC	120°	100
TIV.681	144	12W	20	Tunable White 2500K~5000K	≥80	110~110	24VDC	120°	83.33
TIV.474	60	12W	20	RGB		R:45, G:115, B:18	24VDC	120°	100

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.694	72	12W	20	2200K	≥80	310	24VDC	120°	83.33
TIV.046	72	12W	20	2700K	≥80	350	24VDC	120°	83.33
TIV.695	72	12W	20	3000K	≥80	350	24VDC	120°	83.33
TIV.696	72	12W	20	3500K	≥80	350	24VDC	120°	83.33
TIV.056	72	12W	20	4000K	≥80	355	24VDC	120°	83.33
TIV.697	72	12W	20	5700K	≥80	360	24VDC	120°	83.33
TIV.701	72	12W	20	2700K	≥90	250	24VDC	120°	83.33
TIV.702	72	12W	20	3000K	≥90	295	24VDC	120°	83.33
TIV.703	72	12W	20	3500K	≥90	295	24VDC	120°	83.33
TIV.704	72	12W	20	4000K	≥90	295	24VDC	120°	83.33
TIV.477	72	8W	20	RED		110	24VDC	120°	125
TIV.478	72	12W	20	BLUE		35	24VDC	120°	83.33
TIV.479	72	12W	20	GREEN		220	24VDC	120°	83.33
TIV.480	72	8W	20	AMBER		110	24VDC	120°	125
TIV.698	144	12W	20	Warm Dimmable 1800K - 3000K	≥80	-	24VDC	120°	83.33
TIV.680	144	12W	20	Tunable White 2200K - 5700K	≥80	110~110	24VDC	120°	83.33
TIV.051	60	12W	20	RGB		R:40, G:100, B:15, all:155	24VDC	120°	100
TIV.682	60	15W	10	RGBW 2700K		R:40, G:100, B:15, W:100	24VDC	120°	100
TIV.684	60	15W	10	RGBW 3000K		R:40, G:100, B:15, W:100	24VDC	120°	100
TIV.683	60	15W	10	RGBW 4000K		R:40, G:100, B:15, W:100	24VDC	120°	100
TIV.685	60	15W	10	RGBA Amber		-	24VDC	120°	100

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

SILICONE

Flat Horizontal Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connention

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS460	60	12W	20	2200K	≥80	275	24VDC	120°	100
TIVS461	60	12W	20	2500K	≥80	280	24VDC	120°	100
TIVS446	60	12W	20	2700K	≥80	280	24VDC	120°	100
TIVS450	60	12W	20	3000K	≥80	315	24VDC	120°	100
TIVS462	60	12W	20	3500K	≥80	315	24VDC	120°	100
TIVS451	60	12W	20	4000K	≥80	320	24VDC	120°	100
TIVS463	60	12W	20	4500K	≥80	320	24VDC	120°	100
TIVS452	60	12W	20	5000K	≥80	320	24VDC	120°	100
TIVS681	144	12W	20	Tunable White 2500K~5000K	≥80	110~110	24VDC	120°	83.33
TIVS474	60	12W	20	RGB		R:45, G:115, B:18	24VDC	120°	100

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS694	72	12W	20	2200K	≥80	315	24VDC	120°	83.33
TIVS046	72	12W	20	2700K	≥80	355	24VDC	120°	83.33
TIVS695	72	12W	20	3000K	≥80	355	24VDC	120°	83.33
TIVS696	72	12W	20	3500K	≥80	390	24VDC	120°	83.33
TIVS056	72	12W	20	4000K	≥80	400	24VDC	120°	83.33
TIVS697	72	12W	20	5700K	≥80	410	24VDC	120°	83.33
TIVS701	72	12W	20	2700K	≥90	280	24VDC	120°	83.33
TIVS702	72	12W	20	3000K	≥90	320	24VDC	120°	83.33
TIVS703	72	12W	20	3500K	≥90	320	24VDC	120°	83.33
TIVS704	72	12W	20	4000K	≥90	320	24VDC	120°	83.33
TIVS477	72	8W	20	RED		128	24VDC	120°	125
TIVS478	72	12W	20	BLUE		70	24VDC	120°	100
TIVS479	72	12W	20	GREEN		348	24VDC	120°	100
TIVS480	72	8W	20	AMBER		128	24VDC	120°	125
TIVS698	144	12W	20	Warm Dimmable 1800K - 3000K	≥80	-	24VDC	120°	83.33
TIVS680	144	12W	20	Tunable White 2200K - 5700K	≥80	140~170	24VDC	120°	83.33
TIVS051	60	12W	20	RGB		R:50, G:120, B:25, all:195	24VDC	120°	100
TIVS682	60	15W	10	RGBW 2700K		R:50, G:120, B:25, W:120	24VDC	120°	100
TIVS684	60	15W	10	RGBW 3000K		R:50, G:120, B:25, W:120	24VDC	120°	100
TIVS683	60	15W	10	RGBW 4000K		R:50, G:120, B:25, W:120	24VDC	120°	100
TIVS685	60	15W	10	RGBA Amber		-	24VDC	120°	100

** Please confirm with the ✂ sign on the rear side of the modules

PVC

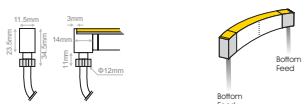
Injection Moulded connection **IP67**

Side Feed

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.001	**CON.450**	**CON.209**	**CON.527**	Side Feed A connector IP67	L= 1m
CON.003	**CON.452**	**CON.211**	**CON.529**	Side Feed A connector IP67	L= 3m
CON.005	**CON.454**	**CON.213**	**CON.531**	Side Feed A connector IP67	L= 5m
CON.007	**CON.456**	**CON.215**	**CON.533**	Side Feed A connector IP67	L= 10m
CON.002	**CON.451**	**CON.210**	**CON.528**	Side Feed B connector IP67	L= 1m
CON.004	**CON.453**	**CON.212**	**CON.530**	Side Feed B connector IP67	L= 3m
CON.006	**CON.455**	**CON.214**	**CON.532**	Side Feed B connector IP67	L= 5m
CON.008	**CON.457**	**CON.216**	**CON.534**	Side Feed B connector IP67	L= 10m

Bottom Feed

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.009	**CON.458**	**CON.217**	**CON.535**	Bottom Feed connector IP67	L= 1m
CON.010	**CON.459**	**CON.218**	**CON.536**	Bottom Feed connector IP67	L= 3m
CON.011	**CON.460**	**CON.219**	**CON.537**	Bottom Feed connector IP67	L= 5m
CON.012	**CON.461**	**CON.220**	**CON.538**	Bottom Feed connector IP67	L= 10m



End Feed

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.013	**CON.462**	**CON.221**	**CON.539**	End Feed connector IP67	L= 1m
CON.014	**CON.463**	**CON.222**	**CON.540**	End Feed connector IP67	L= 3m
CON.015	**CON.464**	**CON.223**	**CON.541**	End Feed connector IP67	L= 5m
CON.016	**CON.465**	**CON.224**	**CON.542**	End Feed connector IP67	L= 10m

End Cap

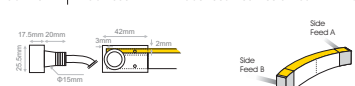
Single Coloured, TW / DW, RGB, RGBW / RGBA	Description
CAP.400	End Cap IP67

PVC

Injection Moulded connection **IP68**

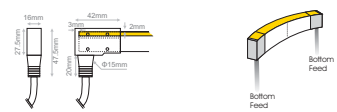
Side Feed

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.017	**CON.466**	**CON.225**	**CON.543**	Side Feed A connector IP68	L= 1m
CON.019	**CON.468**	**CON.227**	**CON.545**	Side Feed A connector IP68	L= 3m
CON.021	**CON.470**	**CON.229**	**CON.547**	Side Feed A connector IP68	L= 5m
CON.024	**CON.472**	**CON.231**	**CON.549**	Side Feed A connector IP68	L= 10m
CON.018	**CON.467**	**CON.226**	**CON.544**	Side Feed B connector IP68	L= 1m
CON.020	**CON.469**	**CON.228**	**CON.546**	Side Feed B connector IP68	L= 3m
CON.023	**CON.471**	**CON.230**	**CON.548**	Side Feed B connector IP68	L= 5m
CON.025	**CON.473**	**CON.232**	**CON.550**	Side Feed B connector IP68	L= 10m



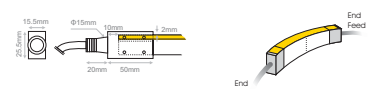
Bottom Feed

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.026	**CON.474**	**CON.233**	**CON.524**	Bottom Feed connector IP68	L= 1m
CON.027	**CON.475**	**CON.234**	**CON.525**	Bottom Feed connector IP68	L= 3m
CON.028	**CON.476**	**CON.235**	**CON.526**	Bottom Feed connector IP68	L= 5m
CON.029	**CON.477**	**CON.236**	**CON.515**	Bottom Feed connector IP68	L= 10m



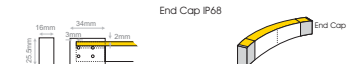
End Feed

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.022	**CON.478**	**CON.237**	**CON.521**	End Feed connector IP68	L= 1m
CON.030	**CON.479**	**CON.238**	**CON.522**	End Feed connector IP68	L= 3m
CON.031	**CON.480**	**CON.239**	**CON.523**	End Feed connector IP68	L= 5m
CON.208	**CON.481**	**CON.240**	**CON.516**	End Feed connector IP68	L= 10m



End Cap

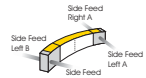
Single Coloured, TW / DW, RGB, RGBW / RGBA	Description
CAP.401	End Cap IP68



PVC
Snap connection **IP67**

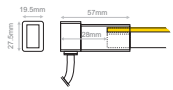
Side Feed

Single Coloured	TW / DW	RGB	Description	Length
CON.048	**CON.498**	**CON.258**	Side Feed Left A connector IP67	L= 1m
CON.049	**CON.499**	**CON.259**	Side Feed Left A connector IP67	L= 3m
CON.050	**CON.500**	**CON.260**	Side Feed Left A connector IP67	L= 5m
CON.051	**CON.501**	**CON.261**	Side Feed Left A connector IP67	L= 10m
CON.056	**CON.506**	**CON.266**	Side Feed Right A connector IP67	L= 1m
CON.057	**CON.507**	**CON.267**	Side Feed Right A connector IP67	L= 3m
CON.058	**CON.508**	**CON.268**	Side Feed Right A connector IP67	L= 5m
CON.059	**CON.509**	**CON.269**	Side Feed Right A connector IP67	L= 10m
CON.052	**CON.502**	**CON.262**	Side Feed Left B connector IP67	L= 1m
CON.053	**CON.503**	**CON.263**	Side Feed Left B connector IP67	L= 3m
CON.054	**CON.504**	**CON.264**	Side Feed Left B connector IP67	L= 5m
CON.055	**CON.505**	**CON.265**	Side Feed Left B connector IP67	L= 10m
CON.060	**CON.510**	**CON.271**	Side Feed Right B connector IP67	L= 1m
CON.061	**CON.511**	**CON.272**	Side Feed Right B connector IP67	L= 3m
CON.062	**CON.512**	**CON.273**	Side Feed Right B connector IP67	L= 5m
CON.063	**CON.513**	**CON.274**	Side Feed Right B connector IP67	L= 10m



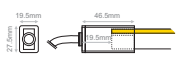
Bottom Feed

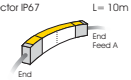
Single Coloured	TW / DW	RGB	Description	Length
CON.040	**CON.490**	**CON.250**	Bottom Feed A connector IP67	L= 1m
CON.041	**CON.491**	**CON.251**	Bottom Feed A connector IP67	L= 3m
CON.042	**CON.492**	**CON.252**	Bottom Feed A connector IP67	L= 5m
CON.043	**CON.493**	**CON.253**	Bottom Feed A connector IP67	L= 10m
CON.044	**CON.494**	**CON.254**	Bottom Feed B connector IP67	L= 1m
CON.045	**CON.495**	**CON.255**	Bottom Feed B connector IP67	L= 3m
CON.046	**CON.496**	**CON.256**	Bottom Feed B connector IP67	L= 5m
CON.047	**CON.497**	**CON.257**	Bottom Feed B connector IP67	L= 10m



End Feed

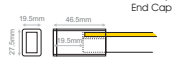
Single Coloured	TW / DW	RGB	Description	Length
CON.032	**CON.482**	**CON.241**	End Feed A connector IP67	L= 1m
CON.033	**CON.483**	**CON.243**	End Feed A connector IP67	L= 3m
CON.034	**CON.484**	**CON.244**	End Feed A connector IP67	L= 5m
CON.035	**CON.485**	**CON.245**	End Feed A connector IP67	L= 10m
CON.036	**CON.486**	**CON.246**	End Feed B connector IP67	L= 1m
CON.037	**CON.487**	**CON.247**	End Feed B connector IP67	L= 3m
CON.038	**CON.488**	**CON.248**	End Feed B connector IP67	L= 5m
CON.039	**CON.489**	**CON.249**	End Feed B connector IP67	L= 10m

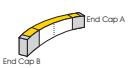




End Cap

Single Coloured, TW / DW, RGB	Description
CAP.402	End Cap A IP67
CAP.410	End Cap B IP67





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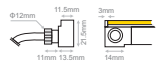
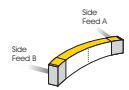
SILICONE
Injection Moulded connection **IP68**

Side Feed

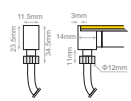
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS017	**CONS466**	**CONS225**	**CONS543**	Side Feed A connector IP68	L= 1m
CONS019	**CONS468**	**CONS227**	**CONS545**	Side Feed A connector IP68	L= 3m
CONS021	**CONS470**	**CONS229**	**CONS547**	Side Feed A connector IP68	L= 5m
CONS024	**CONS472**	**CONS231**	**CONS549**	Side Feed A connector IP68	L= 10m
CONS018	**CONS467**	**CONS226**	**CONS544**	Side Feed B connector IP68	L= 1m
CONS020	**CONS469**	**CONS228**	**CONS546**	Side Feed B connector IP68	L= 3m
CONS023	**CONS471**	**CONS230**	**CONS548**	Side Feed B connector IP68	L= 5m
CONS025	**CONS473**	**CONS232**	**CONS550**	Side Feed B connector IP68	L= 10m

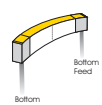




Bottom Feed

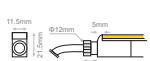
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS026	**CONS474**	**CONS233**	**CONS524**	Bottom Feed connector IP68	L= 1m
CONS027	**CONS475**	**CONS234**	**CONS525**	Bottom Feed connector IP68	L= 3m
CONS028	**CONS476**	**CONS235**	**CONS526**	Bottom Feed connector IP68	L= 5m
CONS029	**CONS477**	**CONS236**	**CONS515**	Bottom Feed connector IP68	L= 10m

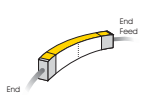




End Feed

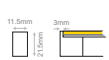
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS022	**CONS478**	**CONS237**	**CONS521**	End Feed connector IP68	L= 1m
CONS030	**CONS479**	**CONS238**	**CONS522**	End Feed connector IP68	L= 3m
CONS031	**CONS480**	**CONS239**	**CONS523**	End Feed connector IP68	L= 5m
CONS208	**CONS481**	**CONS240**	**CONS516**	End Feed connector IP68	L= 10m

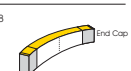




End Cap

Single Coloured, TW / DW, RGB, RGBW / RGBA	Description
CAPS401	End Cap IP68





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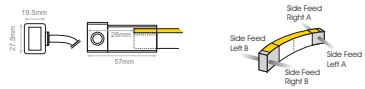
SILICONE
Snap connection **IP67**

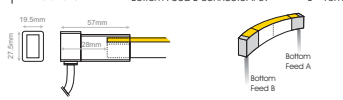
Side Feed

Single Coloured	TW / DW	RGB	Description	Length
CONS048	**CONS498**	**CONS258**	Side Feed Left A connector IP67	L= 1m
CONS049	**CONS499**	**CONS259**	Side Feed Left A connector IP67	L= 3m
CONS050	**CONS500**	**CONS260**	Side Feed Left A connector IP67	L= 5m
CONS051	**CONS501**	**CONS261**	Side Feed Left A connector IP67	L= 10m
CONS056	**CONS506**	**CONS266**	Side Feed Right A connector IP67	L= 1m
CONS057	**CONS507**	**CONS267**	Side Feed Right A connector IP67	L= 3m
CONS058	**CONS508**	**CONS268**	Side Feed Right A connector IP67	L= 5m
CONS059	**CONS509**	**CONS269**	Side Feed Right A connector IP67	L= 10m
CONS052	**CONS502**	**CONS262**	Side Feed Left B connector IP67	L= 1m
CONS053	**CONS503**	**CONS263**	Side Feed Left B connector IP67	L= 3m
CONS054	**CONS504**	**CONS264**	Side Feed Left B connector IP67	L= 5m
CONS055	**CONS505**	**CONS265**	Side Feed Left B connector IP67	L= 10m
CONS060	**CONS510**	**CONS271**	Side Feed Right B connector IP67	L= 1m
CONS061	**CONS511**	**CONS272**	Side Feed Right B connector IP67	L= 3m
CONS062	**CONS512**	**CONS273**	Side Feed Right B connector IP67	L= 5m
CONS063	**CONS513**	**CONS274**	Side Feed Right B connector IP67	L= 10m



Bottom Feed

Single Coloured	TW / DW	RGB	Description	Length
CONS040	**CONS490**	**CONS250**	Bottom Feed A connector IP67	L= 1m
CONS041	**CONS491**	**CONS251**	Bottom Feed A connector IP67	L= 3m
CONS042	**CONS492**	**CONS252**	Bottom Feed A connector IP67	L= 5m
CONS043	**CONS493**	**CONS253**	Bottom Feed A connector IP67	L= 10m
CONS044	**CONS494**	**CONS254**	Bottom Feed B connector IP67	L= 1m
CONS045	**CONS495**	**CONS255**	Bottom Feed B connector IP67	L= 3m
CONS046	**CONS496**	**CONS256**	Bottom Feed B connector IP67	L= 5m
CONS047	**CONS497**	**CONS257**	Bottom Feed B connector IP67	L= 10m

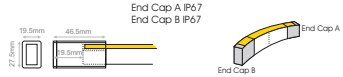


End Feed

Single Coloured	TW / DW	RGB	Description	Length
CONS032	**CONS482**	**CONS241**	End Feed A connector IP67	L= 1m
CONS033	**CONS483**	**CONS243**	End Feed A connector IP67	L= 3m
CONS034	**CONS484**	**CONS244**	End Feed A connector IP67	L= 5m
CONS035	**CONS485**	**CONS245**	End Feed A connector IP67	L= 10m
CONS036	**CONS486**	**CONS246**	End Feed B connector IP67	L= 1m
CONS037	**CONS487**	**CONS247**	End Feed B connector IP67	L= 3m
CONS038	**CONS488**	**CONS248**	End Feed B connector IP67	L= 5m
CONS039	**CONS489**	**CONS249**	End Feed B connector IP67	L= 10m

End Cap

Single Coloured, TW / DW, RGB	Description
CAPS402	End Cap A IP67
CAPS410	End Cap B IP67



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PROFILES

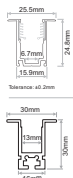
Surface

Code	Description
PRF.418	Aluminium Profile with elastic tape 15.9x24.8 Length: 2m
PRF.069	Aluminium Profile 13.8x22 Length: 2m
PRF.022	Aluminium Profile U TYPE 16x30 Length: 2m
PRF.074	Aluminium Profile Lock 16.8x23.7 Length: 2m
PRF.403	Aluminium Profile Lock 16.2x25.6 Length: 2m

Plastic Surface

Code	Description
PRF.420	Plastic Profile Tranasparent 16x26.4 Length: 2m
PRF.401	Plastic Profile 14x24 Length: 2m

Recessed

	Code	Description
	**PRF.419**	Aluminium Profile with elastic tape 25.5x24.8 Length: 2m
	PRF.024	Aluminium Profile OMEGA 30x30 Length: 2m
	PRF.404	Aluminium Profile 20.3x24.6 Length: 2m

Bendable

	Code	Description
	PRF.412	Bendable ALuminium Profile with elastic tape 15.9x24.8 Length: 1m
	PRF.402	Bendable Stainless Steel profile 13.2x24.5 Length: 1m

Holder

	Code	Description
	PRH.106	Stainless Steel 316 Holder 14x23.2 Length: 0.035m
	PRH.031	Bendable Stainless Steel Holder 13.2x24.5 Length: 0.093m

Surface / Pendant

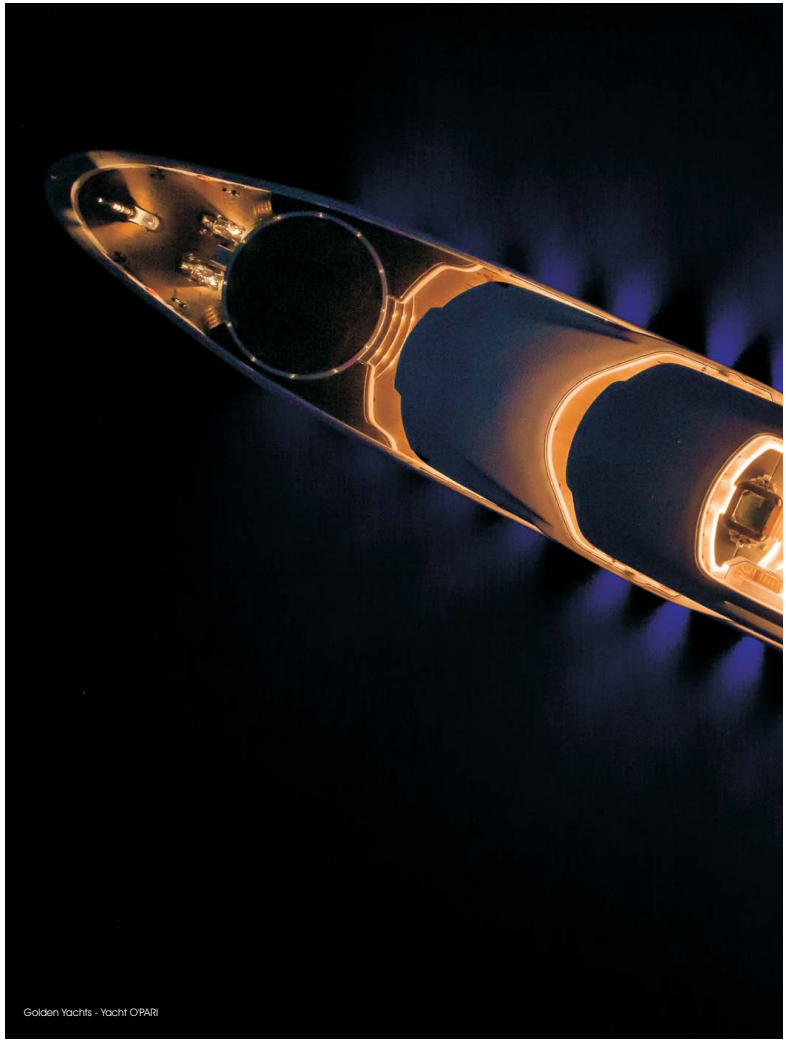
	Code	Description
	PRF.422	Surface/ Pendant Aluminium Profile 29x62 Length: 2m
	CAP.424 **CAP.425**	Front cap for PRF.422 End cap for PRF.422
	PRF.424	Inner aluminium profile for PRF.422
	ACC.191 **ACC.233**	Ceiling Suspension 150cm Ceiling Suspension 300cm

Extras

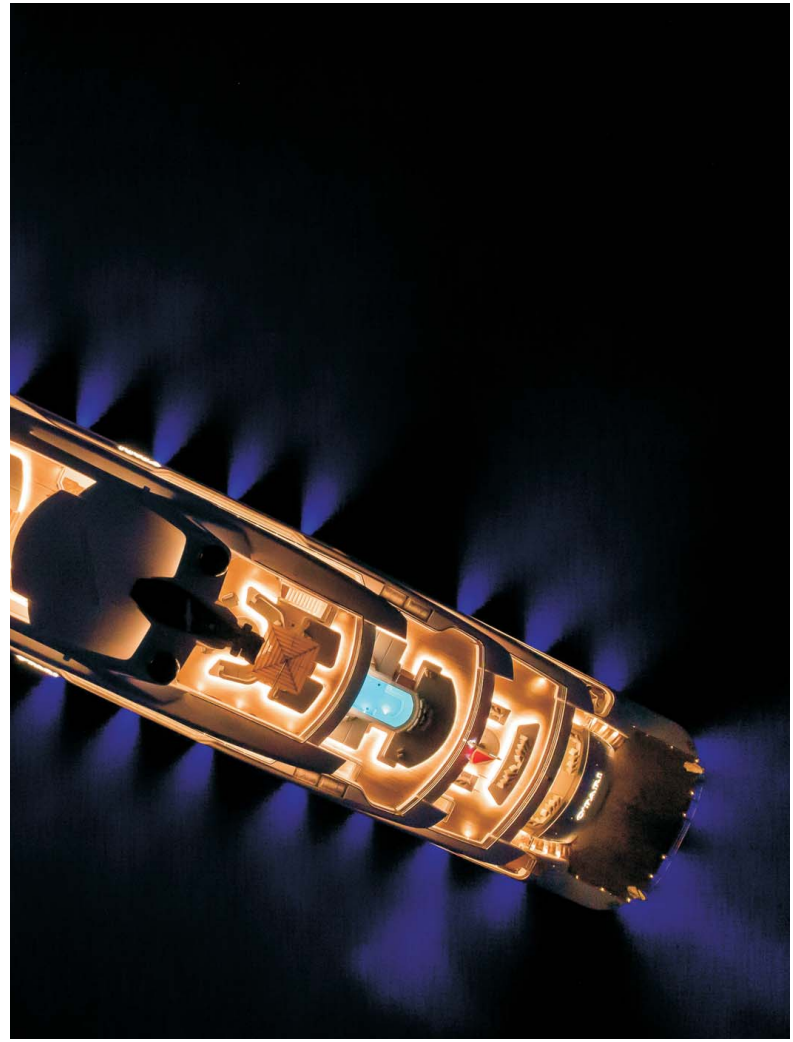
	Code	Description
	PRH.122	Stainless Steel Bracket 45x40 for surface Aluminium profiles for Milky LED FLAT
	PRH.123	Stainless Steel Bracket 26x21 for surface Aluminium profiles for Milky LED FLAT
	PRH.124	Aluminium L Holder 70x25 for surface Aluminium profiles for Milky LED FLAT
	ACC.125	Scissor

Male and Female connectors available upon request.

All connectors are supplied with waterproof junction protection barrel.



Golden Yachts - Yacht O'PARI



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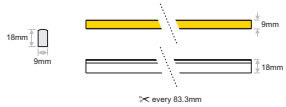
SLIM H MILKY LED

- Slim Milky LED with Horizontal bending.
- Available: Injection moulded IP67, Double Injection Moulded IP68, Snap DIY IP67.
- It is ideal for outdoor illumination on highlighting buildings.
- Can ideally be used with aluminium channel.
- Available in standard length or available with injection moulded process IP67 or IP68 in custom lengths.
- UV, Solvents, and Saltwater resistant.
- IK08 protection.
- Available with 72 LEDs/m, 4.5W/m.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

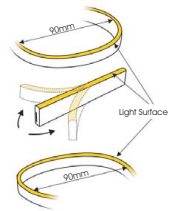
> Maximum connecting length: 10m (for longer lengths also use reverse supply connector)
> Cutting units: Every 83.3mm (check cutting marks on product)



All connectors are supplied with
waterproof junction protection barrel

FRAGILE
Only Bend Horizontally

Do not bend smaller than
allowed minimum bend diameter.



Slim Horizontal Bend	24VDC	IP67 Injection Moulded	IP68 Injection Moulded	IP67 Snap Connection

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.454	72	4.5W	20	2200K	110	24VDC	120°	83.3
TIV.453	72	4.5W	20	2700K	114	24VDC	120°	83.3
TIV.448	72	4.5W	20	3000K	116	24VDC	120°	83.3
TIV.455	72	4.5W	20	4000K	120	24VDC	120°	83.3
TIV.456	72	4.5W	20	5700K	125	24VDC	120°	83.3

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

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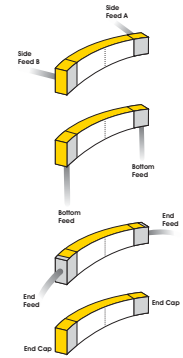
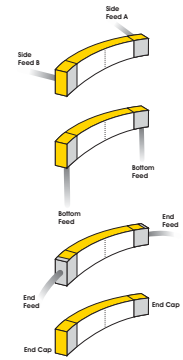
Injection Moulded connection IP67

	Code	Description	Length
Side Feed	**CON.064**	Side Feed A connector IP67	L= 1m
	CON.066	Side Feed A connector IP67	L= 3m
	CON.068	Side Feed A connector IP67	L= 5m
	CON.070	Side Feed A connector IP67	L= 10m
	CON.065	Side Feed B connector IP67	L= 1m
	CON.067	Side Feed B connector IP67	L= 3m
	CON.069	Side Feed B connector IP67	L= 5m
	CON.071	Side Feed B connector IP67	L= 10m
Bottom Feed	**CON.072**	Bottom Feed connector IP67	L= 1m
	CON.073	Bottom Feed connector IP67	L= 3m
	CON.074	Bottom Feed connector IP67	L= 5m
	CON.075	Bottom Feed connector IP67	L= 10m
End Feed	**CON.076**	End Feed connector IP67	L= 1m
	CON.077	End Feed connector IP67	L= 3m
	CON.078	End Feed connector IP67	L= 5m
	CON.079	End Feed connector IP67	L= 10m
End Cap	**CAP.403**	End Cap IP67	



Injection Moulded connection IP68

	Code	Description	Length
Side Feed	**CON.080**	Side Feed A connector IP68	L= 1m
	CON.082	Side Feed A connector IP68	L= 3m
	CON.084	Side Feed A connector IP68	L= 5m
	CON.087	Side Feed A connector IP68	L= 10m
	CON.081	Side Feed B connector IP68	L= 1m
	CON.083	Side Feed B connector IP68	L= 3m
	CON.086	Side Feed B connector IP68	L= 5m
	CON.088	Side Feed B connector IP68	L= 10m
Bottom Feed	**CON.089**	Bottom Feed connector IP68	L= 1m
	CON.090	Bottom Feed connector IP68	L= 3m
	CON.091	Bottom Feed connector IP68	L= 5m
	CON.092	Bottom Feed connector IP68	L= 10m
End Feed	**CON.093**	End Feed connector IP68	L= 1m
	CON.094	End Feed connector IP68	L= 3m
	CON.085	End Feed connector IP68	L= 5m
	CON.095	End Feed connector IP68	L= 10m
End Cap	**CAP.404**	End Cap IP68	



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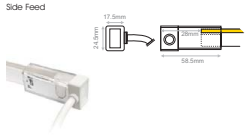
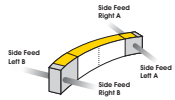
Snap connection IP67

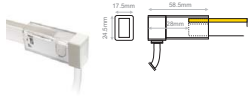
Side Feed



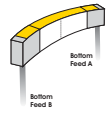
Code	Description	Length
CON.112	Side Feed Left A connector IP67	L= 1m
CON.113	Side Feed Left A connector IP67	L= 3m
CON.114	Side Feed Left A connector IP67	L= 5m
CON.115	Side Feed Left A connector IP67	L= 10m
CON.120	Side Feed Right A connector IP67	L= 1m
CON.121	Side Feed Right A connector IP67	L= 3m
CON.122	Side Feed Right A connector IP67	L= 5m
CON.123	Side Feed Right A connector IP67	L= 10m
CON.116	Side Feed Left B connector IP67	L= 1m
CON.117	Side Feed Left B connector IP67	L= 3m
CON.118	Side Feed Left B connector IP67	L= 5m
CON.119	Side Feed Left B connector IP67	L= 10m
CON.124	Side Feed Right B connector IP67	L= 1m
CON.125	Side Feed Right B connector IP67	L= 3m
CON.126	Side Feed Right B connector IP67	L= 5m
CON.127	Side Feed Right B connector IP67	L= 10m



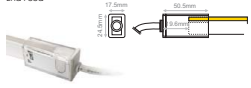
Bottom Feed



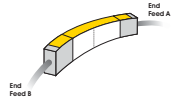
Code	Description	Length
CON.104	Bottom Feed A connector IP67	L= 1m
CON.105	Bottom Feed A connector IP67	L= 3m
CON.106	Bottom Feed A connector IP67	L= 5m
CON.107	Bottom Feed A connector IP67	L= 10m
CON.108	Bottom Feed B connector IP67	L= 1m
CON.109	Bottom Feed B connector IP67	L= 3m
CON.110	Bottom Feed B connector IP67	L= 5m
CON.111	Bottom Feed B connector IP67	L= 10m



End Feed

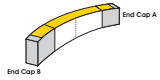


Code	Description	Length
CON.096	End Feed A connector IP67	L= 1m
CON.097	End Feed A connector IP67	L= 3m
CON.098	End Feed A connector IP67	L= 5m
CON.099	End Feed A connector IP67	L= 10m
CON.100	End Feed B connector IP67	L= 1m
CON.101	End Feed B connector IP67	L= 3m
CON.102	End Feed B connector IP67	L= 5m
CON.103	End Feed B connector IP67	L= 10m



End Cap

Code	Description
CAP.405	End Cap A IP67
CAP.409	End Cap B IP67



All connectors are supplied with waterproof junction protection barrel

Male and Female connector

ACC.125
Scissors for cutting Milky Top V

Profiles & Accessories for SLIM H Milky LED

		Code	Description
		PRF.050	Aluminium Profile for Milky Slim H 11.7x21.5mm Length: 2m
		PRF.073	Aluminium Profile Lock for Milky Slim H 12.8x22.3mm Length: 2m
		PRF.406	Recessed Aluminium Profile for Milky Slim H 18x21mm Length: 2m
		PRF.400	Plastic Profile for Milky Slim H 11x21mm Length: 2m

Shipping Company Headquarters, Athens, Greece

Flexible LEDs

TOP V MILKY LED

- TOP V Milky LED is fully encapsulated Vertical bending flexible linear LED.
- Available with NICHIA smd LEDS or in standard version.
- Available in PVC or Silicone.
- Bin/Step: Monochromatic White LEDs PVC: 4 SDCM
- Bin/Step: Monochromatic White LEDs Silicone: 3 SDCM
- Monochromatic White LEDs available in CRI80 and/or CRI90.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap IP67.
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- Standard IP68 connectors : depth up to 2m.
- Special IP68 connectors: depth up to 5m only available upon request.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

Max connection lengths:

PVC:
- Monochromatic & Tunable White: 10m single supply/ 20m double supply
- Monochromatic 15W: 8m single supply/ 16m double supply
- RGB standard: 7m single supply/ 14m double supply
- RGBW & RGB Nichia: 5m single supply/ 10m double supply

Silicone:
- Monochromatic, Dim to Warm & Tunable White: 15m single supply/ 30m double supply
- RGB, Monochromatic 15W: 10m single supply/ 20m double supply
- RGBW & RGB Nichia: 8m single supply/ 16m double supply

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

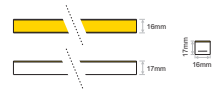
- √ UV Resistant
- √ Solvent Resistant
- √ Saltwater Resistant
- √ Flame Resistant

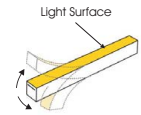
- √ Monochromatic
- √ Tunable White
- √ Dim to Warm
- √ RGB, RGBW

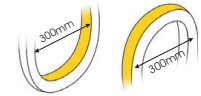
PVC

SILICONE

All connectors are supplied with waterproof junction protection barrel







PVC

TOP Vertical Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connection

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.464	108	12W	20	2500K	80	360	24VDC	120°	55.6
TIV.457	108	12W	20	2700K	80	360	24VDC	120°	55.6
TIV.052	108	12W	20	3000K	80	360	24VDC	120°	55.6
TIV.465	108	12W	20	3500K	80	400	24VDC	120°	55.6
TIV.458	108	12W	20	4000K	80	400	24VDC	120°	55.6
TIV.466	108	12W	20	4500K	80	400	24VDC	120°	55.6
TIV.459	108	12W	20	5000K	80	400	24VDC	120°	55.6
Tunable White									
TIV.732	144	12W	20	Tunable White 2500K~5000K	80	180~180	24VDC	120°	83.3
RGB									
TIV.472	72	12W	20	RGB	80	R:80, G:190, B:30, all:300	24VDC	120°	83.3

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.705	108	12W	20	2200K	80	420	24VDC	120°	55.6
TIV.706	108	12W	20	2700K	80	420	24VDC	120°	55.6
TIV.707	108	12W	20	3000K	80	420	24VDC	120°	55.6
TIV.708	108	12W	20	3500K	80	480	24VDC	120°	55.6
TIV.709	108	12W	20	4000K	80	480	24VDC	120°	55.6
TIV.710	108	12W	20	5700K	80	450	24VDC	120°	55.6
TIV.711	108	12W	20	2700K	90	350	24VDC	120°	55.6
TIV.712	108	12W	20	3000K	90	350	24VDC	120°	55.6
TIV.713	108	12W	20	3500K	90	400	24VDC	120°	55.6
TIV.714	108	12W	20	4000K	90	400	24VDC	120°	55.6
TIV.715	108	8W	20	RED	80	170	24VDC	120°	83.3
TIV.716	108	12W	20	GREEN	80	450	24VDC	120°	55.6
TIV.717	108	12W	20	BLUE	80	85	24VDC	120°	55.6
TIV.718	108	8W	20	AMBER	80	170	24VDC	120°	88.3
Single Coloured High Brightness									
TIV.719	108	12W	20	2200K	80	550 *High Brightness*	24VDC	120°	55.6
TIV.720	108	12W	20	2700K	80	650 *High Brightness*	24VDC	120°	55.6
TIV.481	108	12W	20	3000K	80	650 *High Brightness*	24VDC	120°	55.6
TIV.721	108	12W	20	3500K	80	750 *High Brightness*	24VDC	120°	55.6
TIV.482	108	12W	20	4000K	80	750 *High Brightness*	24VDC	120°	55.6
TIV.722	108	12W	20	5700K	80	700 *High Brightness*	24VDC	120°	55.6
TIV.723	108	15W	20	2200K	80	700 *High Brightness*	24VDC	120°	55.6
TIV.724	108	15W	20	2700K	80	800 *High Brightness*	24VDC	120°	55.6
TIV.725	108	15W	20	3000K	80	800 *High Brightness*	24VDC	120°	55.6
TIV.726	108	15W	20	3500K	80	900 *High Brightness*	24VDC	120°	55.6
TIV.727	108	15W	20	4000K	80	900 *High Brightness*	24VDC	120°	55.6
TIV.728	108	15W	20	5700K	80	850 *High Brightness*	24VDC	120°	55.6
Tunable White									
TIV.729	144	12W	20	Tunable White 2200K - 5700K	80	180~180	24VDC	120°	83.3
RGB-RGBW									
TIV.473	84	12W	20	RGB	80	R:80, G:190, B:30, all:300	24VDC	120°	83.3
TIV.730	84	15W	10	RGBW 2700K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3
TIV.699	84	15W	10	RGBW 3000K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3
TIV.731	84	15W	10	RGBW 4000K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

SILICONE

TOP Vertical Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connection

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS464	108	12W	20	2500K	80	420	24VDC	120°	55.6
TIVS457	108	12W	20	2800K	80	450	24VDC	120°	55.6
TIVS052	108	12W	20	3200K	80	450	24VDC	120°	55.6
TIVS465	108	12W	20	3700K	80	450	24VDC	120°	55.6
TIVS458	108	12W	20	4200K	80	450	24VDC	120°	55.6
TIVS466	108	12W	20	4500K	80	450	24VDC	120°	55.6
TIVS459	108	12W	20	5000K	80	450	24VDC	120°	55.6
TIVS733	108	12W	20	5700K	80	450	24VDC	120°	55.6
Tunable White									
TIVS732	144	12W	20	Tunable White 2500K~5000K	80	220~270	24VDC	120°	83.3
RGB									
TIVS472	72	12W	20	RGB	80	R:90, G:240, B:40, all:370	24VDC	120°	83.3

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS705	108	12W	20	2200K	80	450	24VDC	120°	55.6
TIVS706	108	12W	20	2700K	80	565	24VDC	120°	55.6
TIVS707	108	12W	20	3000K	80	565	24VDC	120°	55.6
TIVS708	108	12W	20	3500K	80	580	24VDC	120°	55.6
TIVS709	108	12W	20	4000K	80	580	24VDC	120°	55.6
TIVS710	108	12W	20	5700K	80	580	24VDC	120°	55.6
TIVS711	108	12W	20	2700K	90	480	24VDC	120°	55.6
TIVS712	108	12W	20	3000K	90	480	24VDC	120°	55.6
TIVS713	108	12W	20	3500K	90	500	24VDC	120°	55.6
TIVS714	108	12W	20	4000K	90	500	24VDC	120°	55.6
TIVS715	108	8W	20	RED	80	185	24VDC	120°	83.3
TIVS716	108	12W	20	GREEN	80	550	24VDC	120°	55.6
TIVS717	108	12W	20	BLUE	80	120	24VDC	120°	55.6
TIVS718	108	8W	20	AMBER	80	185	24VDC	120°	88.3
Single Coloured High Brightness									
TIVS723	108	15W	20	2200K	80	600 *High Brightness*	24VDC	120°	55.6
TIVS724	108	15W	20	2700K	80	700 *High Brightness*	24VDC	120°	55.6
TIVS725	108	15W	20	3000K	80	700 *High Brightness*	24VDC	120°	55.6
TIVS726	108	15W	20	3500K	80	800 *High Brightness*	24VDC	120°	55.6
TIVS727	108	15W	20	4000K	80	800 *High Brightness*	24VDC	120°	55.6
TIVS728	108	15W	20	5700K	80	800 *High Brightness*	24VDC	120°	55.6
Tunable White									
TIVS729	144	12W	20	Tunable White 2200K - 5700K	80	220~270	24VDC	120°	83.3
Warm Dimming									
TIVS796	192	12W	20	Warm Dimming 1800K - 3000K	80	3.5~600	24VDC	120°	62.5
RGB-RGBW									
TIVS473	84	12W	20	RGB	80	R:90, G:240, B:40, all:370	24VDC	120°	83.3
TIVS730	84	15W	10	RGBW 2700K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3
TIVS699	84	15W	10	RGBW 3000K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3
TIVS731	84	15W	10	RGBW 4000K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3

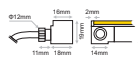
* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Injection Moulded connection **IP67**

PVC

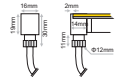
Side Feed

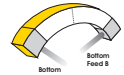
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.128	**CON.642**	**CON.275**	**CON.610**	Side Feed Left A connector IP67	L= 1m
CON.132	**CON.646**	**CON.279**	**CON.612**	Side Feed Left A connector IP67	L= 3m
CON.136	**CON.650**	**CON.283**	**CON.614**	Side Feed Left A connector IP67	L= 5m
CON.140	**CON.654**	**CON.287**	**CON.616**	Side Feed Left A connector IP67	L= 10m
CON.129	**CON.643**	**CON.276**	**CON.714**	Side Feed Right A connector IP67	L= 1m
CON.133	**CON.647**	**CON.280**	**CON.716**	Side Feed Right A connector IP67	L= 3m
CON.137	**CON.651**	**CON.284**	**CON.718**	Side Feed Right A connector IP67	L= 5m
CON.141	**CON.655**	**CON.288**	**CON.720**	Side Feed Right A connector IP67	L= 10m
CON.130	**CON.644**	**CON.277**	**CON.611**	Side Feed Left B connector IP67	L= 1m
CON.134	**CON.648**	**CON.281**	**CON.613**	Side Feed Left B connector IP67	L= 3m
CON.138	**CON.652**	**CON.285**	**CON.615**	Side Feed Left B connector IP67	L= 5m
CON.142	**CON.656**	**CON.289**	**CON.617**	Side Feed Left B connector IP67	L= 10m
CON.131	**CON.645**	**CON.278**	**CON.715**	Side Feed Right B connector IP67	L= 1m
CON.135	**CON.649**	**CON.282**	**CON.717**	Side Feed Right B connector IP67	L= 3m
CON.139	**CON.653**	**CON.286**	**CON.719**	Side Feed Right B connector IP67	L= 5m
CON.143	**CON.657**	**CON.290**	**CON.721**	Side Feed Right B connector IP67	L= 10m



Bottom Feed

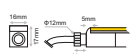
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.144	**CON.658**	**CON.291**	**CON.618**	Bottom Feed connector IP67	L= 1m
CON.145	**CON.659**	**CON.292**	**CON.619**	Bottom Feed connector IP67	L= 3m
CON.146	**CON.660**	**CON.293**	**CON.620**	Bottom Feed connector IP67	L= 5m
CON.147	**CON.661**	**CON.294**	**CON.621**	Bottom Feed connector IP67	L= 10m

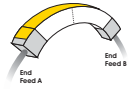




End Feed

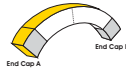
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.148	**CON.662**	**CON.295**	**CON.622**	End Feed connector IP67	L= 1m
CON.149	**CON.663**	**CON.296**	**CON.623**	End Feed connector IP67	L= 3m
CON.150	**CON.664**	**CON.297**	**CON.624**	End Feed connector IP67	L= 5m
CON.151	**CON.665**	**CON.298**	**CON.625**	End Feed connector IP67	L= 10m





End Cap

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description
CAP.406	**CAP.406**	**CAP.413**	**CAP.406**	End Cap IP67



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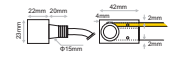
Injection Moulded connection **IP68**

PVC

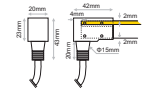
Side Feed

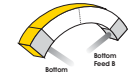
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.152	**CON.666**	**CON.299**	**CON.626**	Side Feed Left A connector IP68	L= 1m
CON.157	**CON.668**	**CON.303**	**CON.628**	Side Feed Left A connector IP68	L= 3m
CON.162	**CON.670**	**CON.307**	**CON.630**	Side Feed Left A connector IP68	L= 5m
CON.166	**CON.672**	**CON.311**	**CON.632**	Side Feed Left A connector IP68	L= 10m
CON.154	**CON.730**	**CON.300**	**CON.722**	Side Feed Right A connector IP68	L= 1m
CON.158	**CON.732**	**CON.304**	**CON.724**	Side Feed Right A connector IP68	L= 3m
CON.163	**CON.734**	**CON.308**	**CON.726**	Side Feed Right A connector IP68	L= 5m
CON.167	**CON.736**	**CON.312**	**CON.728**	Side Feed Right A connector IP68	L= 10m
CON.155	**CON.667**	**CON.301**	**CON.627**	Side Feed Left B connector IP68	L= 1m
CON.160	**CON.669**	**CON.305**	**CON.629**	Side Feed Left B connector IP68	L= 3m
CON.164	**CON.671**	**CON.309**	**CON.631**	Side Feed Left B connector IP68	L= 5m
CON.168	**CON.673**	**CON.313**	**CON.633**	Side Feed Left B connector IP68	L= 10m
CON.156	**CON.731**	**CON.302**	**CON.723**	Side Feed Right B connector IP68	L= 1m
CON.161	**CON.733**	**CON.306**	**CON.725**	Side Feed Right B connector IP68	L= 3m
CON.165	**CON.735**	**CON.310**	**CON.727**	Side Feed Right B connector IP68	L= 5m
CON.169	**CON.737**	**CON.314**	**CON.729**	Side Feed Right B connector IP68	L= 10m



Bottom Feed

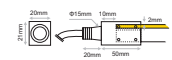
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.170	**CON.674**	**CON.315**	**CON.634**	Bottom Feed connector IP68	L= 1m
CON.153	**CON.675**	**CON.316**	**CON.635**	Bottom Feed connector IP68	L= 3m
CON.171	**CON.676**	**CON.317**	**CON.636**	Bottom Feed connector IP68	L= 5m
CON.172	**CON.677**	**CON.318**	**CON.637**	Bottom Feed connector IP68	L= 10m

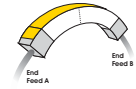




End Feed

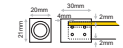
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.173	**CON.678**	**CON.319**	**CON.638**	End Feed connector IP68	L= 1m
CON.174	**CON.679**	**CON.320**	**CON.639**	End Feed connector IP68	L= 3m
CON.175	**CON.680**	**CON.321**	**CON.640**	End Feed connector IP68	L= 5m
CON.159	**CON.681**	**CON.322**	**CON.641**	End Feed connector IP68	L= 10m

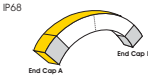




End Cap

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description
CAP.407	**CAP.407**	**CAP.414**	**CAP.407**	End Cap IP68





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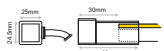
Snap connection **IP67**

PVC

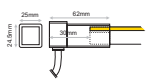
Side Feed

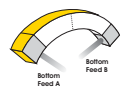
Single Coloured	Description	Length
CON.192	Side Feed Left A connector IP67	L= 1m
CON.193	Side Feed Left A connector IP67	L= 3m
CON.194	Side Feed Left A connector IP67	L= 5m
CON.195	Side Feed Left A connector IP67	L= 10m
CON.200	Side Feed Right A connector IP67	L= 1m
CON.201	Side Feed Right A connector IP67	L= 3m
CON.202	Side Feed Right A connector IP67	L= 5m
CON.203	Side Feed Right A connector IP67	L= 10m
CON.196	Side Feed Left B connector IP67	L= 1m
CON.197	Side Feed Left B connector IP67	L= 3m
CON.198	Side Feed Left B connector IP67	L= 5m
CON.199	Side Feed Left B connector IP67	L= 10m
CON.204	Side Feed Right B connector IP67	L= 1m
CON.205	Side Feed Right B connector IP67	L= 3m
CON.206	Side Feed Right B connector IP67	L= 5m
CON.207	Side Feed Right B connector IP67	L= 10m



Bottom Feed

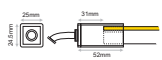
Single Coloured	Description	Length
CON.184	Bottom Feed A connector IP67	L= 1m
CON.185	Bottom Feed A connector IP67	L= 3m
CON.186	Bottom Feed A connector IP67	L= 5m
CON.187	Bottom Feed A connector IP67	L= 10m
CON.188	Bottom Feed B connector IP67	L= 1m
CON.189	Bottom Feed B connector IP67	L= 3m
CON.190	Bottom Feed B connector IP67	L= 5m
CON.191	Bottom Feed B connector IP67	L= 10m

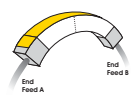




End Feed

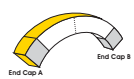
Single Coloured	Description	Length
CON.176	End Feed A connector IP67	L= 1m
CON.177	End Feed A connector IP67	L= 3m
CON.178	End Feed A connector IP67	L= 5m
CON.179	End Feed A connector IP67	L= 10m
CON.180	End Feed B connector IP67	L= 1m
CON.181	End Feed B connector IP67	L= 3m
CON.182	End Feed B connector IP67	L= 5m
CON.183	End Feed B connector IP67	L= 10m





End Cap

Single Coloured, TW / DW, RGB	Description
CAP.408	End Cap IP67



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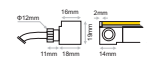
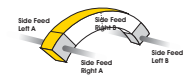
Injection Moulded connection **IP68**

Side Feed

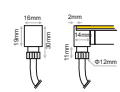
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS152	**CONS666**	**CONS299**	**CONS626**	Side Feed Left A connector IP68	L= 1m
CONS157	**CONS668**	**CONS303**	**CONS628**	Side Feed Left A connector IP68	L= 3m
CONS162	**CONS670**	**CONS307**	**CONS630**	Side Feed Left A connector IP68	L= 5m
CONS166	**CONS672**	**CONS311**	**CONS632**	Side Feed Left A connector IP68	L= 10m
CONS154	**CONS730**	**CONS300**	**CONS722**	Side Feed Right A connector IP68	L= 1m
CONS158	**CONS732**	**CONS304**	**CONS724**	Side Feed Right A connector IP68	L= 3m
CONS163	**CONS734**	**CONS308**	**CONS726**	Side Feed Right A connector IP68	L= 5m
CONS167	**CONS736**	**CONS312**	**CONS728**	Side Feed Right A connector IP68	L= 10m
CONS155	**CONS667**	**CONS301**	**CONS627**	Side Feed Left B connector IP68	L= 1m
CONS160	**CONS669**	**CONS305**	**CONS629**	Side Feed Left B connector IP68	L= 3m
CONS164	**CONS671**	**CONS309**	**CONS631**	Side Feed Left B connector IP68	L= 5m
CONS168	**CONS673**	**CONS313**	**CONS633**	Side Feed Left B connector IP68	L= 10m
CONS156	**CONS731**	**CONS302**	**CONS723**	Side Feed Right B connector IP68	L= 1m
CONS161	**CONS733**	**CONS306**	**CONS725**	Side Feed Right B connector IP68	L= 3m
CONS165	**CONS735**	**CONS310**	**CONS727**	Side Feed Right B connector IP68	L= 5m
CONS169	**CONS737**	**CONS314**	**CONS729**	Side Feed Right B connector IP68	L= 10m

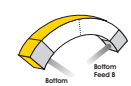




Bottom Feed

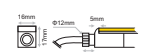
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS170	**CONS674**	**CONS315**	**CONS634**	Bottom Feed connector IP68	L= 1m
CONS153	**CONS675**	**CONS316**	**CONS635**	Bottom Feed connector IP68	L= 3m
CONS171	**CONS676**	**CONS317**	**CONS636**	Bottom Feed connector IP68	L= 5m
CONS172	**CONS677**	**CONS318**	**CONS637**	Bottom Feed connector IP68	L= 10m

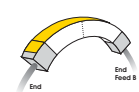




End Feed

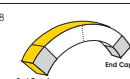
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CONS173	**CONS678**	**CONS319**	**CONS638**	End Feed connector IP68	L= 1m
CONS174	**CONS679**	**CONS320**	**CONS639**	End Feed connector IP68	L= 3m
CONS175	**CONS680**	**CONS321**	**CONS640**	End Feed connector IP68	L= 5m
CONS159	**CONS681**	**CONS322**	**CONS641**	End Feed connector IP68	L= 10m





End Cap

Single Coloured	TW / DW	RGB	RGBW / RGBA	Description
CAPS407	**CAPS407**	**CAPS414**	**CAPS407**	End Cap IP68



PROFILES

Surface

		Code	Description
		PRF.115	Aluminium Profile for TOP Milky LED 19x18mm Length: 2m
		PRF.405	Plastic Profile for TOP Milky LED 19x21mm Length: 2m
		PRF.410	Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 2m
		PRF.413	Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 0.020m (20mm)

Aluminium & Plastic Surface

		Code	Description
		PRF.425	Aluminium & Plastic Profile for TOP Milky LED 20.8x23mm Length: 2m

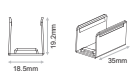
Plastic Surface

	Code	Description
	PRF.414	Plastic Profile for TOP Milky LED 20x23.5mm Length: 2m

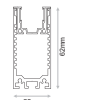
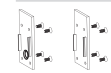
Recessed

	Code	Description
	PRF.426	Recessed Aluminium Profile for TOP Milky LED 28x21mm Length: 2m
	PRF.411	Recessed Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 2m

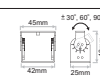
Holder

	Code	Description
	**PRH.105**	Stainless Steel Profile for TOP Milky LED 18.5x19.2.mm Length: 0.035m

Surface / Pendant

	Code	Description
	**PRF.427**	Surface/ Pendant Aluminium Profile for TOP Milky LED 29x62mm Length: 2m
	**CAP.426** **CAP.427**	Front cap for PRF.427 End cap for PRF.427
	PRF.424	Inner aluminium profile for PRF.427
	ACC.191 **ACC.233**	Ceiling Suspension 150cm Ceiling Suspension 300cm

Extras

	Code	Description
	**PRH.122**	Stainless Steel Bracket 45x40 for surface Aluminium profiles
	PRH.123	Stainless Steel Bracket 26x21 for surface Aluminium profiles
	PRH.124	Aluminium L Holder 70x25 for surface Aluminium profiles
	ACC.125	Scissor

Male and Female connectors available upon request.

All connectors are supplied with waterproof junction protection barrel.

MINI TOP MILKY LED

- MINI TOP Milky LED is fully encapsulated Horizontal or Vertical bending flexible linear LED.
- Available in PVC or Silicone.
- Monochromatic White LEDs available in CRI80 and/or CRI90.
- Available IP protection rate: Injection Moulded IP67.
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

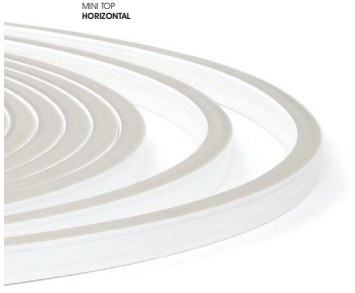
Max connection lengths:

PVC:
- Monochromatic: 10m single supply/ 20m double supply

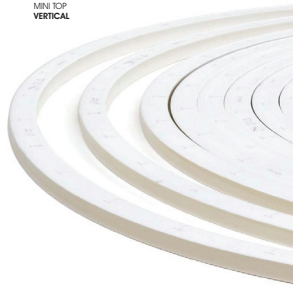
Silicone:
- Monochromatic: 15m single supply/ 30m double supply

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

MINI TOP
HORIZONTAL

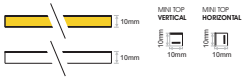


MINI TOP
VERTICAL



- ✓ UV Resistant
- ✓ Solvent Resistant
- ✓ Saltwater Resistant
- ✓ Flame Resistant

- ✓ Monochromatic
- ✓ Tunable White
- ✓ Dim to Warm
- ✓ RGB, RGBW



All connectors are supplied with waterproof junction protection barrel

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ELECTRON

Flexible LEDs

PVC

MINI TOP Vertical Bend | MINI TOP Horizontal Bend | 24VDC | IP65 Injection Moulded

VERTICAL
Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	✂**(mm)
TIV.757	144	4.5W	20	2200K	80	43	24VDC	120°	83.33
TIV.758	144	4.5W	20	2700K	80	43	24VDC	120°	83.33
TIV.686	144	4.5W	20	3000K	80	45	24VDC	120°	83.33
TIV.760	144	4.5W	20	3500K	80	45	24VDC	120°	83.33
TIV.687	144	4.5W	20	4000K	80	45	24VDC	120°	83.33
TIV.762	144	4.5W	20	5700K	80	45	24VDC	120°	83.33
TIV.763	144	4.5W	20	2700K	90	43	24VDC	120°	83.33
TIV.764	144	4.5W	20	3000K	90	43	24VDC	120°	83.33
TIV.765	144	4.5W	20	3500K	90	43	24VDC	120°	83.33
TIV.793	144	4.5W	20	4000K	90	43	24VDC	120°	83.33
TIV.766	144	4.5W	20	RED	80	15	24VDC	120°	83.33
TIV.767	144	4.5W	20	GREEN	80	60	24VDC	120°	83.33
TIV.768	144	4.5W	20	BLUE	80	10	24VDC	120°	83.33
TIV.769	144	4.5W	20	AMBER	80	15	24VDC	120°	83.33

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

HORIZONTAL
Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	✂**(mm)
TIV.775	144	4.5W	20	2200K	80	43	24VDC	120°	83.33
TIV.776	144	4.5W	20	2700K	80	43	24VDC	120°	83.33
TIV.777	144	4.5W	20	3000K	80	45	24VDC	120°	83.33
TIV.778	144	4.5W	20	3500K	80	45	24VDC	120°	83.33
TIV.779	144	4.5W	20	4000K	80	45	24VDC	120°	83.33
TIV.780	144	4.5W	20	5700K	80	45	24VDC	120°	83.33
TIV.781	144	4.5W	20	2700K	90	43	24VDC	120°	83.33
TIV.782	144	4.5W	20	3000K	90	43	24VDC	120°	83.33
TIV.783	144	4.5W	20	3500K	90	43	24VDC	120°	83.33
TIV.794	144	4.5W	20	4000K	90	43	24VDC	120°	83.33
TIV.784	144	4.5W	20	RED	80	15	24VDC	120°	83.33
TIV.785	144	4.5W	20	GREEN	80	60	24VDC	120°	83.33
TIV.786	144	4.5W	20	BLUE	80	10	24VDC	120°	83.33
TIV.787	144	4.5W	20	AMBER	80	15	24VDC	120°	83.33

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

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SILICONE

MINI TOP Vertical Bend | MINI TOP Horizontal Bend | 24VDC | IP67 Injection Moulded

VERTICAL
Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS757	144	4.5W	20	2200K	80	60	24VDC	120°	83.33
TIVS758	144	4.5W	20	2700K	80	62	24VDC	120°	83.33
TIVS686	144	4.5W	20	3000K	80	65	24VDC	120°	83.33
TIVS760	144	4.5W	20	3500K	80	67	24VDC	120°	83.33
TIVS687	144	4.5W	20	4000K	80	67	24VDC	120°	83.33
TIVS762	144	4.5W	20	5700K	80	67	24VDC	120°	83.33
TIVS763	144	4.5W	20	2700K	90	55	24VDC	120°	83.33
TIVS764	144	4.5W	20	3000K	90	55	24VDC	120°	83.33
TIVS765	144	4.5W	20	3500K	90	55	24VDC	120°	83.33
TIVS793	144	4.5W	20	4000K	90	55	24VDC	120°	83.33
TIVS766	144	4.5W	20	RED	80	25	24VDC	120°	83.33
TIVS767	144	4.5W	20	GREEN	80	66	24VDC	120°	83.33
TIVS768	144	4.5W	20	BLUE	80	15	24VDC	120°	83.33
TIVS769	144	4.5W	20	AMBER	80	25	24VDC	120°	83.33

* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

HORIZONTAL
Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIVS775	144	4.5W	20	2200K	80	58	24VDC	120°	83.33
TIVS776	144	4.5W	20	2700K	80	58	24VDC	120°	83.33
TIVS777	144	4.5W	20	3000K	80	65	24VDC	120°	83.33
TIVS778	144	4.5W	20	3500K	80	65	24VDC	120°	83.33
TIVS779	144	4.5W	20	4000K	80	65	24VDC	120°	83.33
TIVS780	144	4.5W	20	5700K	80	65	24VDC	120°	83.33
TIVS781	144	4.5W	20	2700K	90	52	24VDC	120°	83.33
TIVS782	144	4.5W	20	3000K	90	52	24VDC	120°	83.33
TIVS783	144	4.5W	20	3500K	90	52	24VDC	120°	83.33
TIVS794	144	4.5W	20	4000K	90	52	24VDC	120°	83.33
TIVS784	144	4.5W	20	RED	80	15	24VDC	120°	83.33
TIVS785	144	4.5W	20	GREEN	80	60	24VDC	120°	83.33
TIVS786	144	4.5W	20	BLUE	80	10	24VDC	120°	83.33
TIVS787	144	4.5W	20	AMBER	80	15	24VDC	120°	83.33

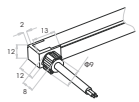
* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.
** Please confirm with the ✂ sign on the rear side of the modules

Injection Moulded connection **IP65**

PVC

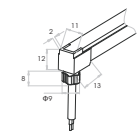
Side Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CON.738	-	Side Feed Left A connector IP65	L= 1m
CON.742	-	Side Feed Left A connector IP65	L= 3m
CON.746	-	Side Feed Left A connector IP65	L= 5m
CON.750	-	Side Feed Left A connector IP65	L= 10m
CON.739	**CON.762**	Side Feed Right A connector IP65	L= 1m
CON.743	**CON.764**	Side Feed Right A connector IP65	L= 3m
CON.747	**CON.766**	Side Feed Right A connector IP65	L= 5m
CON.751	**CON.768**	Side Feed Right A connector IP65	L= 10m
CON.740	**CON.763**	Side Feed Left B connector IP65	L= 1m
CON.744	**CON.765**	Side Feed Left B connector IP65	L= 3m
CON.748	**CON.767**	Side Feed Left B connector IP65	L= 5m
CON.752	**CON.769**	Side Feed Left B connector IP65	L= 10m
CON.741	-	Side Feed Right B connector IP65	L= 1m
CON.745	-	Side Feed Right B connector IP65	L= 3m
CON.749	-	Side Feed Right B connector IP65	L= 5m
CON.753	-	Side Feed Right B connector IP65	L= 10m



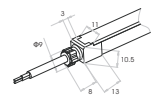
Bottom Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CON.754	**CON.770**	Bottom Feed connector IP65	L= 1m
CON.755	**CON.771**	Bottom Feed connector IP65	L= 3m
CON.756	**CON.772**	Bottom Feed connector IP65	L= 5m
CON.757	**CON.773**	Bottom Feed connector IP65	L= 10m



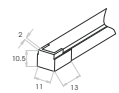
End Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CON.551	**CON.774**	End Feed connector IP65	L= 1m
CON.759	**CON.775**	End Feed connector IP65	L= 3m
CON.760	**CON.776**	End Feed connector IP65	L= 5m
CON.761	**CON.777**	End Feed connector IP65	L= 10m



End Cap

Single Coloured	Description
CAP.423	End Cap IP65

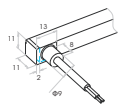


Injection Moulded connection **IP67**

SILICONE

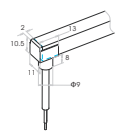
Side Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CONS778	-	Side Feed Left A connector IP67	L= 1m
CONS782	-	Side Feed Left A connector IP67	L= 3m
CONS786	-	Side Feed Left A connector IP67	L= 5m
CONS790	-	Side Feed Left A connector IP67	L= 10m
CONS779	**CONS802**	Side Feed Right A connector IP67	L= 1m
CONS783	**CONS804**	Side Feed Right A connector IP67	L= 3m
CONS787	**CONS806**	Side Feed Right A connector IP67	L= 5m
CONS791	**CONS808**	Side Feed Right A connector IP67	L= 10m
CONS780	**CONS803**	Side Feed Left B connector IP67	L= 1m
CONS784	**CONS805**	Side Feed Left B connector IP67	L= 3m
CONS788	**CONS807**	Side Feed Left B connector IP67	L= 5m
CONS792	**CONS809**	Side Feed Left B connector IP67	L= 10m
CONS781	-	Side Feed Right B connector IP67	L= 1m
CONS785	-	Side Feed Right B connector IP67	L= 3m
CONS789	-	Side Feed Right B connector IP67	L= 5m
CONS793	-	Side Feed Right B connector IP67	L= 10m



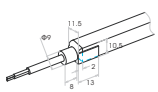
Bottom Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CONS794	**CONS810**	Bottom Feed connector IP67	L= 1m
CONS795	**CONS811**	Bottom Feed connector IP67	L= 3m
CONS796	**CONS812**	Bottom Feed connector IP67	L= 5m
CONS797	**CONS813**	Bottom Feed connector IP67	L= 10m



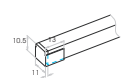
End Feed

VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CONS798	**CONS814**	End Feed connector IP67	L= 1m
CONS799	**CONS815**	End Feed connector IP67	L= 3m
CONS800	**CONS816**	End Feed connector IP67	L= 5m
CONS801	**CONS817**	End Feed connector IP67	L= 10m



End Cap

Single Coloured	Description
CAPS429	End Cap IP67



PROFILES

Surface

		Code	Description
		PRF.416	Surface Aluminium profile for MINI TOP Milky LED 12x13.5mm Length: 2m
		PRF.429	Surface Aluminium profile with elastic tape for MINI TOP Milky LED 13.8x14mm Length: 2m Also suitable for pendant installation.

Extras

		Code	Description
		PRH.122	Stainless Steel Bracket 45x40 for surface Aluminium profiles
		PRH.123	Stainless Steel Bracket 26x21 for surface Aluminium profiles
		PRH.124	Aluminium L Holder 70x25 for surface Aluminium profiles
		ACC.191 **ACC.233**	Ceiling Suspension 150cm Ceiling Suspension 300cm

Recessed

		Code	Description
		PRF.430	Recessed Aluminium profile for MINI TOP Milky LED 18x13.2mm Length: 2m
		PRF.431	Recessed Aluminium profile with elastic tape for MINI TOP Milky LED 21.8x14mm Length: 2m

Bendable

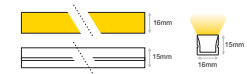
Suitable only for TOP H Milky LED

		Code	Description
		PRF.432	Bendable Aluminium profile with elastic tape for MINI TOP Milky LED 13.8x14mm Length: 1m

IKEBANA Restaurant, Athens, Greece
Lighting Design: ASight
Photo: Gavrill Papadiotis

BASELINE TWIST MILKY LED

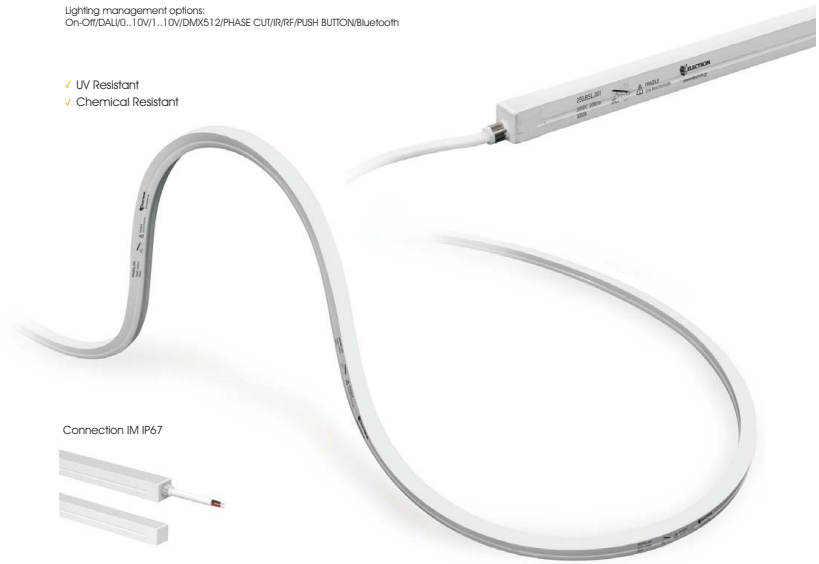
- Baseline TWIST Milky LED is a fully encapsulated, both Vertical & Horizontal bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- L70B10>50000Hrs
- Available in IP67 protection rate.
- CRI>90 for 2700/3000/3500/4000K
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.



Max connection length:
- Monochromatic: 5 meters single supply

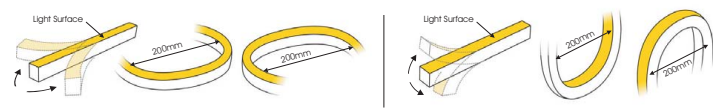
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

✓ UV Resistant
✓ Chemical Resistant



Connection IM IP67

Horizontal & Vertical bending



Horizontal Bend | Vertical Bend | 24VDC | IP67

PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.000	120	10W	5	2700K	>90	610	24VDC	120°	50
BSL.001	120	10W	5	3000K	>90	618	24VDC	120°	50
BSL.002	120	10W	5	3500K	>90	630	24VDC	120°	50
BSL.003	120	10W	5	4000K	>90	650	24VDC	120°	50
BSL.004	120	10W	5	5000K	>80	660	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.005	120	10W	5	2700K	>90	525	24VDC	120°	50
BSL.006	120	10W	5	3000K	>90	533	24VDC	120°	50
BSL.007	120	10W	5	3500K	>90	540	24VDC	120°	50
BSL.008	120	10W	5	4000K	>90	555	24VDC	120°	50
BSL.009	120	10W	5	5000K	>80	565	24VDC	120°	50

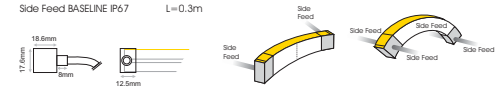
* Please confirm with the ✂ sign on the rear side of the modules

Connection **IP67**

Side Feed

Code for **Single Colour** | Description | Length

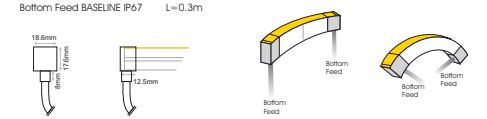
BSL.301 | Side Feed BASELINE IP67 | L=0.3m



Bottom Feed

Code for **Single Colour** | Description | Length

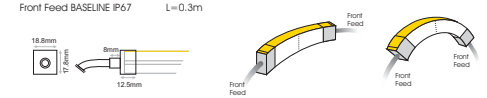
BSL.302 | Bottom Feed BASELINE IP67 | L=0.3m



Front Feed

Code for **Single Colour** | Description | Length

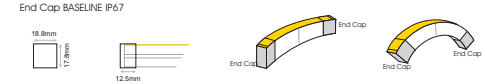
BSL.300 | Front Feed BASELINE IP67 | L=0.3m



End Cap

Code for **Single Colour** | Description

BSL.303 | End Cap BASELINE IP67

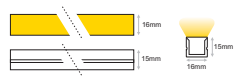


Accessories

Code	Description	Length	
PRF.421	BASELINE Aluminium Profile	2m	
PRF.190	BASELINE Bendable Stainless Steel Profile 17.5x16.5mm	0.5m	
PRH.088	Mounting Clips stainless steel 316 for BASELINE TWIST MILKY LED		

BASELINE V MILKY LED

- Baseline V Milky LED is a fully encapsulated Vertical bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- Available Single Coloured High Efficiency models.
- Available in RGBW and TW.
- L70B10>50000Hrs
- Available in IP67 protection rate.
- CRI>90 for 2700/3000/3500/4000K
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.



Max length with single supply:
- Monochrome: 17m (connection IM IP67), 10m (connection IP67)
- High Efficiency, TW: 5m
- RGBW: 10m (connection IM IP67), 5m (connection IP67)

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

✓ UV Resistant
✓ Chemical Resistant

Connection IM IP67

Vertical bending

Vertical Bend | 24VDC | IP67

PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.010	120	10W	5	2700K	>90	500	24VDC	120°	50
BSL.011	120	10W	5	3000K	>90	510	24VDC	120°	50
BSL.012	120	10W	5	3500K	>90	515	24VDC	120°	50
BSL.013	120	10W	5	4000K	>90	530	24VDC	120°	50
BSL.014	120	10W	5	5300K	>80	540	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.015	120	10W	5	2700K	>90	420	24VDC	120°	50
BSL.016	120	10W	5	3000K	>90	430	24VDC	120°	50
BSL.017	120	10W	5	3500K	>90	435	24VDC	120°	50
BSL.018	120	10W	5	4000K	>90	450	24VDC	120°	50
BSL.019	120	10W	5	5300K	>80	460	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Vertical Bend | 24VDC | IP67

High Efficiency

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.040	160	10W	5	2700K	>80	1055	24VDC	120°	50
BSL.041	160	10W	5	3000K	>80	1060	24VDC	120°	50
BSL.042	160	10W	5	4000K	>80	1075	24VDC	120°	50
BSL.043	160	10W	5	6000K	>80	1065	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

RGBW

Code	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.044	15W	5	RGBWW (2700K)	515 (R:65/G:190/B:55/WW:205)	24VDC	120°	125
BSL.045	15W	5	RGBW (4000K)	530 (R:65/G:190/B:55/W:220)	24VDC	120°	125
BSL.046	15W	5	RGBCW (5300K)	520 (R:65/G:190/B:55/CW:210)	24VDC	120°	125

* Please confirm with the ✂ sign on the rear side of the modules

Tunable White

Code	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.047	15W	5	TW (2700K+5300K)	>80	1025 (2700K:515 / 5300K:510)	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

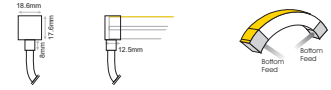
Connection IP67

Side Feed

Code for Single Colour	Code for RGBW	Code for TW	Description	Length
BSL.301	**BSL.315**	**BSL.318**	Side Feed BASELINE IP67	L=0.3m

Bottom Feed

Code for Single Colour	Code for RGBW	Code for TW	Description	Length
BSL.302	**BSL.316**	**BSL.319**	Bottom Feed BASELINE IP67	L=0.3m



Front Feed

Code for Single Colour	Code for RGBW	Code for TW	Description	Length
BSL.300	**BSL.317**	**BSL.320**	Front Feed BASELINE IP67	L=0.3m

End Cap

Code	Description
BSL.303	End Cap BASELINE IP67

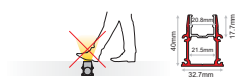
Accessories

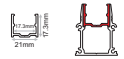
SURFACE Aluminium Profiles

Code	Description	
PRF.421	Aluminium Profile Anodized for BASELINE V, BASELINE TWIST 21x17.3mm, Length: 2m	

Code	Description	
PRF.169	Aluminium Profile Anodized for BASELINE V 20.5x35mm, Length: 2m	

FLOOR Aluminium Profile

Code	Description	
PRF.168	FLOOR Aluminium Profile Anodized for BASELINE V 32.7x17.7mm, Length: 2m	

Code	Description	
PRF.421	Aluminium Profile Anodized for BASELINE V, BASELINE TWIST 21x17.3mm, Length: 2m	

Code	Description	
CAP.160 **CAP.161**	Front Cap for PRF.168 End Cap for PRF.168	

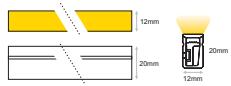
Code	Description
PRH.108	Alligment kit for anodized model

Holder

Code	Description	
PRH.088	Mounting Clip stainless steel 316 for BASELINE V, BASELINE TWIST 20x16.6x12.4mm	

BASELINE H MILKY LED

- Baseline H Milky LED is a fully encapsulated Horizontal bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- Available Single Coloured High Efficiency models.
- Available in RGBW and TW.
- L70B10>50000Hrs
- Available in IP67 protection rate.
- CRI>90 for 2700/3000/3500/4000K as standard.
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.



Max length with single supply:
- Monochrome: 17m (connection IM IP67), 10m (connection IP67)
- High Efficiency, TW: 5m
- RGBW: 13m (connection IM IP67), 6,5m (connection IP67)

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

✓ UV Resistant
✓ Chemical Resistant

Connection IM IP67

Horizontal bending

Horizontal Bend | 24VDC | IP67

PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.020	120	10W	5	2700K	>90	330	24VDC	120°	50
BSL.021	120	10W	5	3000K	>90	355	24VDC	120°	50
BSL.022	120	10W	5	3500K	>90	372	24VDC	120°	50
BSL.023	120	10W	5	4000K	>90	375	24VDC	120°	50
BSL.024	120	10W	5	5300K	>80	380	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.025	120	10W	5	2700K	>90	285	24VDC	120°	50
BSL.026	120	10W	5	3000K	>90	305	24VDC	120°	50
BSL.027	120	10W	5	3500K	>90	272	24VDC	120°	50
BSL.028	120	10W	5	4000K	>90	323	24VDC	120°	50
BSL.029	120	10W	5	5300K	>80	328	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Horizontal Bend | 24VDC | IP67

High Efficiency

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.048	160	10W	5	2700K	>80	845	24VDC	120°	50
BSL.049	160	10W	5	3000K	>80	865	24VDC	120°	50
BSL.050	160	10W	5	4000K	>80	885	24VDC	120°	50
BSL.051	160	10W	5	6000K	>80	845	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

RGBW

Code	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.052	15W	5	RGBWW (2700K)	295 (R:35/G:105/B:35/WW:120)	24VDC	120°	125
BSL.053	15W	5	RGBW (4000K)	310 (R:35/G:105/B:35/W:135)	24VDC	120°	125
BSL.054	15W	5	RGBCW (5300K)	295 (R:35/G:105/B:35/CW:120)	24VDC	120°	125

* Please confirm with the ✂ sign on the rear side of the modules

Tunable White

Code	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
BSL.055	15W	5	TW (2700K+5300K)	>80	540 (2700K:270 / 5300K:270)	24VDC	120°	50

* Please confirm with the ✂ sign on the rear side of the modules

Connection **IP67**

Side Feed

Code for Single Colour	Code for RGBW	Code for TW	Description	Length
BSL.304	**BSL.321**	**BSL.324**	Side Feed BASELINE H IP65	L=0.3m

Bottom Feed

Code for Single Colour	Code for RGBW	Code for TW	Description	Length
BSL.305	**BSL.322**	**BSL.325**	Bottom Feed BASELINE H IP65	L=0.3m

Front Feed

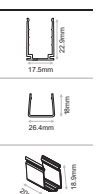
Code for Single Colour	Code for RGBW	Code for TW	Description	Length
BSL.306	**BSL.323**	**BSL.326**	Front Feed BASELINE H IP65	L=0.3m

End Cap

Code for	Description	Length
BSL.307	End Cap BASELINE H IP65	L=0.3m

Accessories

Code	Description
PRF.423	Aluminium Profile Anodized for BASELINE H 17.5x22.9mm, Length: 2m
PRF.191	BASELINE H Bendable Stainless Steel Profile 26.4x18mm, Length: 0.5m
PRH.119	Mounting Clips stainless steel 316 for BASELINE H MILKY LED



Flexible LEDs

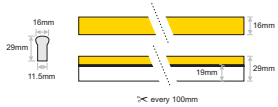
DOME MILKY LED

- DOME Milky LED is available with Nichia SMD LEDs for Monochromatic & RGB, and is also available in standard LED RGB version.
- Available: Injection moulded IP67, Double Injection Moulded IP68, Snap DIY IP67.
- It is ideal for outdoor illumination on highlighting buildings.
- Can ideally be used with aluminium channel.
- Available in standard length or available with injection moulded process IP67 or IP68 in custom lengths.
- UV, Solvents, and Saltwater resistant.
- IK08 protection.
- Available with 60 LEDs/m, 12W/m.

Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

> **Maximum connecting length: 10m (for longer lengths also use reverse supply connector)**
> **Cutting units: Every 100mm (check cutting marks on product)**

Constant Current technology



Dome Horizontal Bend | 24VDC | IP67 Injection Moulded | IP68 Injection Moulded | IP67 Snap Connection

All connectors are supplied with waterproof junction protection barrel

LIGHTSOURCE BY NICHIA

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminus FLUX (lm/m)	Voltage	Beam Angle	**(mm)
TIV.467	60	12W	20	2200K	300	24VDC	120°	100
TIV.468	60	12W	20	2500K	320	24VDC	120°	100
TIV.469	60	12W	20	2700K	340	24VDC	120°	100
TIV.795	60	12W	20	3000K	350	24VDC	120°	100
TIV.470	60	12W	20	3500K	360	24VDC	120°	100
TIV.444	60	12W	20	4000K	370	24VDC	120°	100
TIV.471	60	12W	20	4500K	380	24VDC	120°	100
TIV.447	60	12W	20	5000K	390	24VDC	120°	100
TIV.475	60	12W	20	RGB	R: 46 G: 120 B: 21	24VDC	120°	100

* Available in RED, AMBER, BLUE and GREEN upon request.
** Please confirm with the ✂ sign on the rear side of the modules

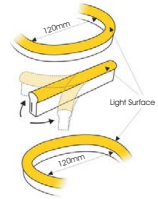
Standard RGB

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Voltage	Beam Angle	*(mm)
TIV.476 **TIV.123**	60	12W	20	RGB	R: 43 G:110 B: 19	24VDC	120°	100

* Please confirm with the ✂ sign on the rear side of the modules

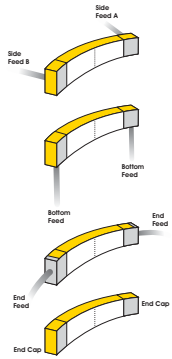
FRAGILE
Only Bend Horizontally

Do not bend smaller than allowed minimum bend diameter.



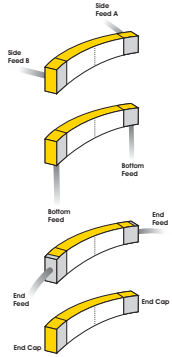
Injection Moulded connection IP67

	Code for Single Colour	Code for RGB	Description	Length
Side Feed	**CON.323**	**CON.386**	Side Feed A connector IP67	L= 1m
	CON.325	**CON.388**	Side Feed A connector IP67	L= 3m
	CON.327	**CON.390**	Side Feed A connector IP67	L= 5m
	CON.329	**CON.392**	Side Feed A connector IP67	L= 10m
	CON.324	**CON.387**	Side Feed B connector IP67	L= 1m
	CON.326	**CON.389**	Side Feed B connector IP67	L= 3m
	CON.328	**CON.391**	Side Feed B connector IP67	L= 5m
	CON.330	**CON.393**	Side Feed B connector IP67	L= 10m
Bottom Feed	**CON.331**	**CON.394**	Bottom Feed connector IP67	L= 1m
	CON.332	**CON.395**	Bottom Feed connector IP67	L= 3m
	CON.333	**CON.396**	Bottom Feed connector IP67	L= 5m
	CON.334	**CON.397**	Bottom Feed connector IP67	L= 10m
End Feed	**CON.335**	**CON.398**	End Feed connector IP67	L= 1m
	CON.336	**CON.399**	End Feed connector IP67	L= 3m
	CON.337	**CON.400**	End Feed connector IP67	L= 5m
	CON.338	**CON.401**	End Feed connector IP67	L= 10m
End Cap	**CAP.416**	**CAP.419**	End Cap IP67	



Injection Moulded connection IP68

	Code for Single Colour	Code for RGB	Description	Length
Side Feed	**CON.334**	**CON.402**	Side Feed A connector IP68	L= 1m
	CON.341	**CON.404**	Side Feed A connector IP68	L= 3m
	CON.343	**CON.406**	Side Feed A connector IP68	L= 5m
	CON.345	**CON.408**	Side Feed A connector IP68	L= 10m
	CON.340	**CON.403**	Side Feed B connector IP68	L= 1m
	CON.342	**CON.405**	Side Feed B connector IP68	L= 3m
	CON.344	**CON.407**	Side Feed B connector IP68	L= 5m
	CON.346	**CON.409**	Side Feed B connector IP68	L= 10m
Bottom Feed	**CON.347**	**CON.410**	Bottom Feed connector IP68	L= 1m
	CON.348	**CON.411**	Bottom Feed connector IP68	L= 3m
	CON.349	**CON.412**	Bottom Feed connector IP68	L= 5m
	CON.350	**CON.413**	Bottom Feed connector IP68	L= 10m
End Feed	**CON.351**	**CON.414**	End Feed connector IP68	L= 1m
	CON.352	**CON.415**	End Feed connector IP68	L= 3m
	CON.353	**CON.416**	End Feed connector IP68	L= 5m
	CON.354	**CON.417**	End Feed connector IP68	L= 10m
End Cap	**CAP.418**	**CAP.420**	End Cap IP68	



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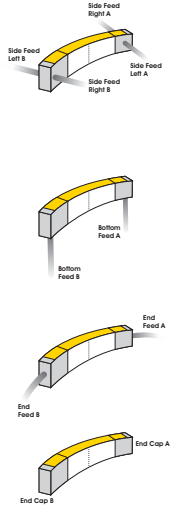
Snap connection IP67

	Code for Single Colour	Code for RGB	Description	Length
Side Feed	**CON.370**	**CON.434**	Side Feed Left A connector IP67	L= 1m
	CON.371	**CON.435**	Side Feed Left A connector IP67	L= 3m
	CON.372	**CON.436**	Side Feed Left A connector IP67	L= 5m
	CON.373	**CON.437**	Side Feed Left A connector IP67	L= 10m
	CON.378	**CON.442**	Side Feed Right A connector IP67	L= 1m
	CON.379	**CON.443**	Side Feed Right A connector IP67	L= 3m
	CON.380	**CON.444**	Side Feed Right A connector IP67	L= 5m
	CON.381	**CON.445**	Side Feed Right A connector IP67	L= 10m
	CON.374	**CON.438**	Side Feed Left B connector IP67	L= 1m
	CON.375	**CON.439**	Side Feed Left B connector IP67	L= 3m
	CON.376	**CON.440**	Side Feed Left B connector IP67	L= 5m
	CON.377	**CON.441**	Side Feed Left B connector IP67	L= 10m
	CON.382	**CON.446**	Side Feed Right B connector IP67	L= 1m
	CON.383	**CON.447**	Side Feed Right B connector IP67	L= 3m
	CON.384	**CON.448**	Side Feed Right B connector IP67	L= 5m
	CON.385	**CON.449**	Side Feed Right B connector IP67	L= 10m
Bottom Feed	**CON.362**	**CON.426**	Bottom Feed A connector IP67	L= 1m
	CON.363	**CON.427**	Bottom Feed A connector IP67	L= 3m
	CON.364	**CON.428**	Bottom Feed A connector IP67	L= 5m
	CON.365	**CON.429**	Bottom Feed A connector IP67	L= 10m
	CON.366	**CON.430**	Bottom Feed B connector IP67	L= 1m
	CON.367	**CON.431**	Bottom Feed B connector IP67	L= 3m
	CON.368	**CON.432**	Bottom Feed B connector IP67	L= 5m
	CON.369	**CON.433**	Bottom Feed B connector IP67	L= 10m
End Feed	**CON.355**	**CON.418**	End Feed A connector IP67	L= 1m
	CON.356	**CON.419**	End Feed A connector IP67	L= 3m
	CON.357	**CON.420**	End Feed A connector IP67	L= 5m
	CON.270	**CON.421**	End Feed A connector IP67	L= 10m
	CON.358	**CON.422**	End Feed B connector IP67	L= 1m
	CON.359	**CON.423**	End Feed B connector IP67	L= 3m
	CON.360	**CON.424**	End Feed B connector IP67	L= 5m
	CON.361	**CON.425**	End Feed B connector IP67	L= 10m
End Cap	**CAP.421**	**CAP.422**	End Cap A IP67	
	CAP.415	**CAP.428**	End Cap B IP67	



All connectors are supplied with waterproof junction protection barrel

Male and Female connector

ACC.125
Scissors for cutting Milky Top V

Profiles & Accessories for DOME Milky LED

		Code	Description
		PRF.069	Aluminium Profile for Milky DOME 13.8x22mm Length: 2m
		PRF.403	Aluminium Profile Lock for Milky DOME 16.2x25.6mm Length: 2m
		PRF.022	Aluminium Profile U TYPE for Milky DOME 16x30mm Length: 2m
		PRF.024	Aluminium Profile OMEGA for Milky DOME 16x30mm Length: 2m
		PRF.404	Recessed Aluminium Profile for Milky DOME 20.3X24mm Length: 2m
		PRF.401	Plastic profile for Milky DOME 14x24mm Length: 2m
		PRF.402	Bendable Stainless Steel profile for Milky DOME 13.2x24.5mm Length: 900mm

FIBER OPTICS

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METAL HALIDE LIGHT ENGINE

Fiber Optics

- Standard DMX512 signal control or Master/Slave control.
- Four DMX channels, 44 preset programs.
- Digital display.
- Dimmer / STROBE.
- Audio control.
- Twinkle effect.
- UV protected.
- Over-heat protection.
- Ch1: Color, CH2: Speed, CH3: Twinkle, CH4: Dimmer.

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.001 /150DMX	230VAC	CDM-T 150W	6000H	Φ30	L340×W320×H150	11,0

HALOGEN LIGHT ENGINE

- Standard DMX512 signal control or Master/Slave control.
- Two DMX channels, 44 preset programs.
- Digital display.
- 8Colours
- Audio control.
- UV protected.
- Over-heat protection.
- Ch1: Color, CH2: Speed

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.003 /100DMX	230VAC	12V 50/75/100W Halogen	3000H	Φ22	L246×W205×H125	4,0

IP43 LIGHT ENGINE

- Standard DMX512 signal control or Master/Slave control.
- Two DMX channels, 44 preset programs.
- Digital display.
- 8Colours
- IP rating: IP43
- Stainless steel enclosure.
- UV protected.
- Over-heat protection.
- CH1: Color, CH2: Speed

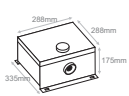
Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.004 /150DMX/IP43	230VAC	CDM-T 150W	6000H	Φ30	L335×W328×H190	10,7

DMX LED 80W IP43 LIGHT ENGINE

- Standard aperture: (Φ28mm / Φ30mm)
- IP Rating: IP43

Code	Total Power Consumption	Control Protocol	Colour	Light Source	Luminus Flux	Life of LED	Standard Aperture	IP
FOE.011	90W	DMX or by Remote Control	6 colours	80W CREE LED	6100lm (6000K)	50000H	Φ28mm Φ30mm	IP43

Accessories supplied with the engine



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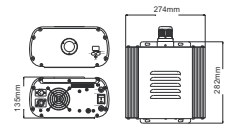
Fiber Optics

DMX LED 40W & 80W LIGHT ENGINES

- Standard aperture:
- FOE.006 (Φ28mm / Φ24mm / Φ20mm)
- FOE.010 (Φ28mm / Φ30mm)
- Gross Weight: 5.6Kg

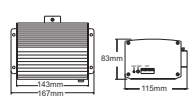
Code	Total Power Consumption	Control Protocol	Colour	Light Source	Luminus Flux	Life of LED	Standard Aperture
FOE.006	50W	DMX or by Remote Control	6 colours	40W CREE LED	3500lm (6000K)	50000H	Φ28mm Φ24mm Φ20mm
FOE.010	90W	DMX or by Remote Control	6 colours	80W CREE LED	6100lm (6000K)	50000H	Φ28mm Φ30mm



Accessories supplied with the engine

DMX LED 10W LIGHT ENGINE

Code	Total Power Consumption	Control Protocol	Colour	Light Source	Life of LED	Standard Aperture
FOE.009	15W	DMX or by Remote Control	6 colours	10W LED	30000H	Φ11mm



Accessories supplied with the engine

ACCESSORIES

Code	Description
FOA.101	Fiber Optic Connector
FOA.102	Fiber Optic End Plug
FOA.103	Fiber Optic Channel
FOA.104	Fiber Optic Clip for FOP.035 & FOP.036
FOA.105	Hot Knife

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SINGLE

Fiber Optics

- Single Fiber Optic

Code	Out.Diam(mm)	Lenght (reel)	Colour	Material
FOP.001	0.5	6000m	Clear	PMMA
FOP.002	0.75	2700m	Clear	PMMA
FOP.003	1.0	1500m	Clear	PMMA
FOP.004	1.5	700m	Clear	PMMA
FOP.005	2.0	350m	Clear	PMMA
FOP.006	2.5	250m	Clear	PMMA
FOP.007	3.0	150m	Clear	PMMA

SINGLE with BLACK PVC JACKET

- Single Fiber Optic with black PVC jacket

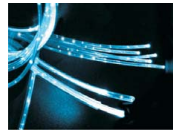
Code	Inner.Diam(mm)	Out.Diam(mm)	Lenght (reel)	Colour	Material
FOP.008	0.75	1.5	5400m	Black	PMMA
FOP.009	1.0	2.2	3000m	Black	PMMA
FOP.010	1.5	3.5	1400m	Black	PMMA
FOP.011	2.0	4.0	250m	Black	PMMA
FOP.012	2.5	4.5	250m	Black	PMMA
FOP.013	3.0	5.0	150m	Black	PMMA

SINGLE & MULTI SIDE EMITTING

- PMMA Side Spot Light Fiber Optic

Code	Strings	Out.Diam(mm)	Lenght (reel)	Colour	Material
FOP.014	1x0.75	0.75	5400m*	Clear	PMMA
FOP.015	1x1.20	1.2	5400m*	Clear	PMMA
FOP.016	1x100	1	3000m**	Clear	PMMA
FOP.017	1x1.60	1.6	3000m**	Clear	PMMA
FOP.018	3x0.75	3.0	900m	Clear	PMMA
FOP.019	3x1.00	3.5	750m	Clear	PMMA
FOP.020	7x0.75	4.0	450m	Clear	PMMA

*FOP.014 & FOP.015 available also in 2700m
**FOP.016 & FOP.017 available also in 1500m



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Fiber Optics

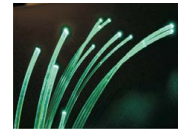
MULTI-STRING END LIGHT

- PMMA Multi-String End Light Fiber Optic

Code	Strings	Out.Diam(mm)	Lenght (reel)*	Colour	Material
FOP.021	7x0.75	3.8	30m	Black	PMMA
FOP.022	25x0.75	7.0	30m	Black	PMMA
FOP.023	50x0.75	9.4	30m	Black	PMMA
FOP.024	75x0.75	10.5	30m	Black	PMMA
FOP.025	100x0.75	12.0	30m	Black	PMMA
FOP.026	126x0.75	13.0	30m	Black	PMMA

*Available also in 60m

MULTI-STRING SIDE LIGHT



- PMMA Multi-String Side Light Fiber Optic

Code	Strings	Out.Diam(mm)	Lenght (reel)*	Colour	Material
FOP.027	3x14	8.6	30m	Clear	PMMA
FOP.028	6x14	12.6	30m	Clear	PMMA
FOP.029	9x14	15.8	30m	Clear	PMMA

*Available also in 60m

SOLID SIDE LIGHT

- Solid side light fiber optic

Code	Inner.Diam(mm)	Out.Diam(mm)	Lenght (reel)*	Colour	Material
FOP.030	3	3	30m	Clear	PMMA
FOP.031	6	6	30m	Clear	PMMA
FOP.032	3	5	30m	Clear	PMMA
FOP.033	6	8.8	30m	Clear	PMMA
FOP.034	10.1	13	30m	Clear	PMMA
FOP.035	11.1	14	30m	Clear	PMMA
FOP.036	14.1	17.3	30m	Clear	PMMA

*Available also in 60m

SOLID END LIGHT

- Solid End Light Fiber Optic

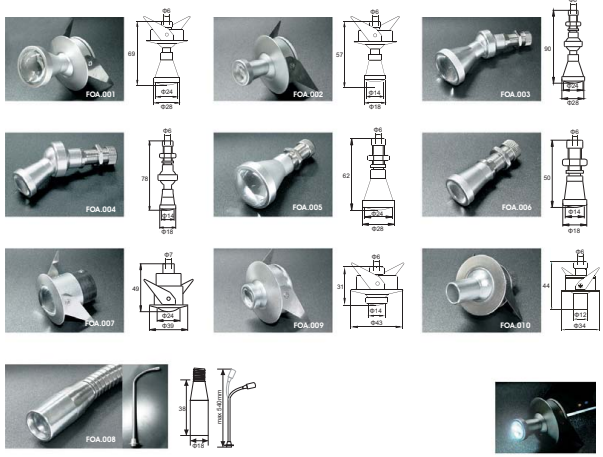
Code	Inner.Diam(mm)	Out.Diam(mm)	Lenght (reel)*	Colour	Material
FOP.037	3.0	5.0	30m	Black	PMMA
FOP.038	6.0	8.6	30m	Black	PMMA
FOP.039	11.0	14.0	30m	Black	PMMA
FOP.040	14.0	17.3	30m	Black	PMMA

*Available also in 60m

CABINET END PIECE

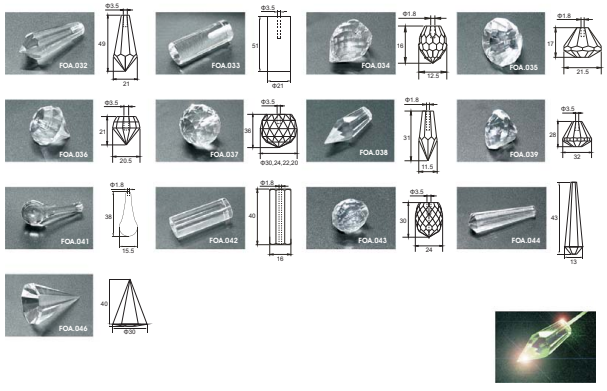
Fiber Optics

Code
FOA.001
FOA.002
FOA.003
FOA.004
FOA.005
FOA.006
FOA.007
FOA.009
FOA.010
FOA.008



CRYSTAL END PIECE

Code
FOA.032
FOA.033
FOA.034
FOA.035
FOA.036
FOA.037
FOA.038
FOA.039
FOA.041
FOA.042
FOA.043
FOA.044
FOA.046



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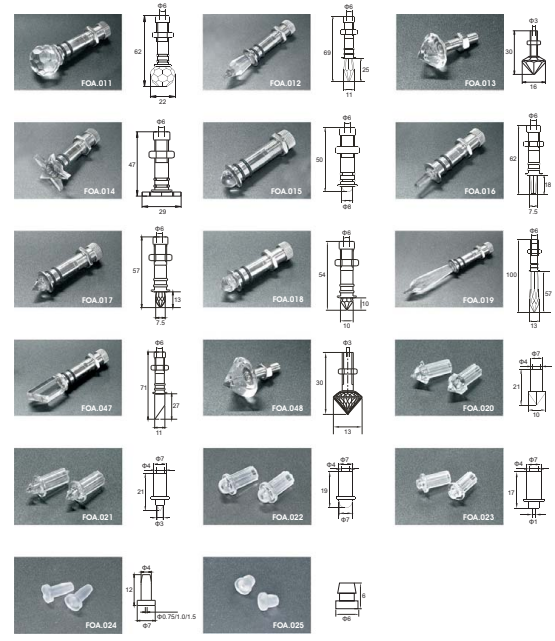
ELECTRON

Fiber Optics

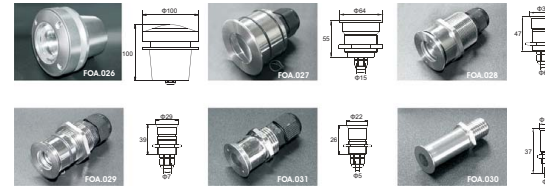
CEILING END PIECE

Code
FOA.011
FOA.012
FOA.013
FOA.014
FOA.015
FOA.016
FOA.017
FOA.018
FOA.019
FOA.047
FOA.048
FOA.020
FOA.021
FOA.022
FOA.023
FOA.024
FOA.025



BURIED END PIECE

Code
FOA.026
FOA.027
FOA.028
FOA.029
FOA.031
FOA.030



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FIBER OPTIC KIT / 5mm

Code	Model	No. of Fiber Optics	Watt	Diameter	Length	
LEF.003	FRP.006	32	50W Halogen	5mm	8pcs.x0.80m, 6pcs.x1.20m, 6pcs.x1.80m, 6pcs.x2.20m, 6pcs.x2.50m	230VAC CONTROL BY DMX

Accessories

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

LAMPS & MORE

REFIT MODULE 10 IP44

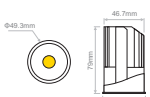
- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with different dimming options flexible for any project requirement.
- L90/B10 50.000h
- 3SDCM
- IP44 (face only)

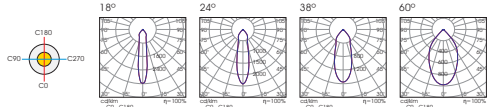
LIGHTSOURCE BY bridgelux. IP44

Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Colour**	Dimming Option	Extra
			80 *(80)*	90 *(90)*				
REFIT MODULE *(REFIT M)*	**10.3W** *(10)*	2700K *(27B)*	*1379lm*	*1138lm*	18° *(18)*	White *(WH)*	Without Driver *(00)*	No Extras *(00)*
		3000K *(30B)*	*1435lm*	*1180lm*	24° *(24)*	Black *(BL)*	Non Dimmable *(ND)*	Emergency *(01)*
		4000K *(40B)*	*1479lm*	*1265lm*	38° *(38)*		Analogue (1-10V) *(A1)*	
					60° *(60)*		DMX *(DX)*	
							DALI *(DL)*	
							Push Button *(PB)*	
							Phase Cut *(PC)*	
							Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFIT M10-30B-80-24-WH-ND-00*





REFIT MODULE 6 IP44

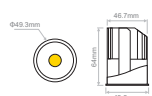
- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with different dimming options flexible for any project requirement.
- L90/B10 50.000h
- 3SDCM
- IP44 (face only)

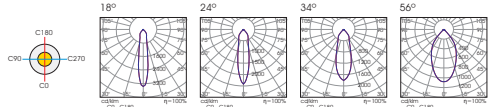
LIGHTSOURCE BY bridgelux. IP44

Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Colour**	Dimming Option	Extra
			80 *(80)*	90 *(90)*				
REFIT MODULE *(REFIT M)*	**6.1W** *(6)*	2700K *(27B)*	*812lm*	*677lm*	18° *(18)*	White *(WH)*	Without Driver *(00)*	No Extras *(00)*
		3000K *(30B)*	*845lm*	*705lm*	24° *(24)*	Black *(BL)*	Non Dimmable *(ND)*	Emergency *(01)*
		4000K *(40B)*	*879lm*	*733lm*	34° *(34)*		Analogue (1-10V) *(A1)*	
					56° *(56)*		DMX *(DX)*	
							DALI *(DL)*	
							Push Button *(PB)*	
							Phase Cut *(PC)*	
							Wireless*** *(WL)*	

* CCT: 3500K, 5000K, 6500K available upon request.
** Other RAL colours available upon request.
*** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFIT M6-30B-80-24-WH-ND-00*





REFIT WD 6 IP44

- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with dimming options flexible for different project requirements.
- L90/B10 50.000h
- 3 SDCM
- IP44 (face only)

Warm Dimming
1800K to 3000K

LIGHTSOURCE BY bridgelux.

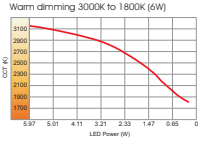
IP44

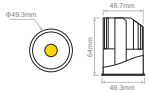
Model	LED Power	CCT	CRI95 *LED Source*	Beam Angle	Colour*	Dimming Option	Extra
			95 *(95)*				
REFIT MODULE WD *(REFIT M WD)*	**6.1W** *(6)*	1800K-3000K *(1830B)*	*518lm*	18° *(18)* 24° *(24)* 34° *(34)* 56° *(56)*	White *(WH)* Black *(BL)*	Analogue (1-10V) *(A1)* DALI *(DL)* Phase Cut *(PC)* Wireless** *(WL)*	No Extras *(00)* Emergency *(01)*

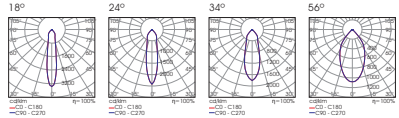
* Other RAL colours available upon request.
** The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFIT M WD6-1830B-95-24-WH-DL-00

Warm dimming 3000K to 1800K (6W)







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GU10 LED LAMPS
SORAA

WORKS WITH SORAA

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminus Flux	Snap Compatible
SORAA Brilliant HL **2700K /7,5W**								
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	10°	620lm	YES
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	25°	650lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	36°	650lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	60°	650lm	NO
SORAA Brilliant HL **2700K /9,5W**								
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	25°	720lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	36°	720lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	60°	720lm	NO
SORAA Brilliant HL **3000K /7,5W**								
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	10°	640lm	YES
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	25°	660lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	36°	660lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	60°	660lm	NO
SORAA Brilliant HL **3000K /9,5W**								
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	25°	730lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	36°	730lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	60°	730lm	NO

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GU10 LED LAMPS
SORAA

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminus Flux	Snap Compatible
SORAA Vivid 2700K /7,5W								
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	10°	390lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	25°	410lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	36°	410lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	60°	410lm	NO
SORAA Vivid 2700K /9,5W								
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	25°	465lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	36°	465lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	60°	465lm	NO
SORAA Vivid 3000K /7,5W								
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	10°	410lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	25°	435lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	36°	435lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	60°	435lm	NO
SORAA Vivid 3000K /9,5W								
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	25°	490lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	36°	490lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	60°	490lm	NO
Soraa Vivid 4000K /7,5W								
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	10°	430lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	25°	455lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	36°	455lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	60°	455lm	NO

Snap System LED Accessories
SORAA

Spreader Snap Accessory	Beam
Beam Spreader Snap	17°
Beam Spreader Snap	25°
Beam Spreader Snap	36°
Beam Spreader Snap	60°

Linear Snap Accessory	Beam
Linear Snap	10°-25°
Linear Snap	10°-36°
Linear Snap	10°-60°

Flat to Snap Accessory	Beam
Flat to Snap	25°-25°
Flat to Snap	36°-36°

Louver Snap Accessory	Cuttoff Angle
Louver Snap	40°

Aimable Snap Accessory
Aim Lens Snap

CCT Shifter Snap Accessory	
CCT Shifter Snap	1/4
CCT Shifter Snap	1/2
CCT Shifter Snap	3/4

Clear Snap Accessory	
Clear Snap	Use this with Gel and Dichroic filter

Enhance Accessory	
Enhance	Color -enhancing filter to modify the spectrum of Soraa Vivid lamps

GU10 LED LAMPS
SYLVANIA

SYLVANIA

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminus Flux
RefLED Retro Superia ES50 Dimmable							
RefLED Retro Superia ES50 V3	GU10	4.5W	220-240VAC	2700K	80	36°	345lm
RefLED Retro Superia ES50 V3	GU10	4.5W	220-240VAC	3000K	80	36°	345lm
RefLED Retro Superia ES50 V3	GU10	4.5W	220-240VAC	4000K	80	36°	360lm
RefLED Retro Superia ES50 V3	GU10	4.5W	220-240VAC	6500K	80	36°	360lm
RefLED Retro Superia ES50 V3	GU10	5W	220-240VAC	2700K	80	36°	450lm
RefLED Retro Superia ES50 V3	GU10	5W	220-240VAC	3000K	80	36°	450lm
RefLED Retro Superia ES50 V3	GU10	5W	220-240VAC	4000K	80	36°	475lm
RefLED Retro Superia ES50 V3	GU10	5W	220-240VAC	6500K	80	36°	475lm
RefLED Retro Superia ES50 V3	GU10	5W	220-240VAC	2700K	90	36°	405lm
RefLED Retro Superia ES50 V3	GU10	5W	220-240VAC	3000K	90	36°	405lm
RefLED Retro Superia ES50 V3	GU10	5W	220-240VAC	4000K	90	36°	405lm
RefLED Retro Superia ES50 V3	GU10	6W	220-240VAC	2700K	80	36°	550lm
RefLED Retro Superia ES50 V3	GU10	6W	220-240VAC	3000K	80	36°	550lm
RefLED Retro Superia ES50 V3	GU10	6W	220-240VAC	4000K	80	36°	580lm
RefLED Retro Superia ES50 V3	GU10	6W	220-240VAC	6500K	80	36°	580lm
RefLED Superia Retro ES50							
RefLED Superia Retro ES50 V3	GU10	3W	220-240VAC	3000K	80	36°	230lm
RefLED Superia Retro ES50 V3	GU10	3W	220-240VAC	4000K	80	36°	230lm
RefLED Superia Retro ES50 V3	GU10	4W	220-240VAC	2700K	80	36°	345lm
RefLED Superia Retro ES50 V3	GU10	4W	220-240VAC	3000K	80	36°	345lm
RefLED Superia Retro ES50 V3	GU10	4W	220-240VAC	4000K	80	36°	360lm
RefLED Superia Retro ES50 V3	GU10	4W	220-240VAC	6500K	80	36°	360lm
RefLED Superia Retro ES50 V3	GU10	5W	220-240VAC	2700K	80	36°	450lm
RefLED Superia Retro ES50 V3	GU10	5W	220-240VAC	3000K	80	36°	450lm
RefLED Superia Retro ES50 V3	GU10	5W	220-240VAC	4000K	80	36°	475lm
RefLED Superia Retro ES50 V3	GU10	5W	220-240VAC	6500K	80	36°	475lm
RefLED Superia Retro ES50 V3	GU10	6W	220-240VAC	2700K	80	36°	550lm
RefLED Superia Retro ES50 V3	GU10	6W	220-240VAC	3000K	80	36°	600lm
RefLED Superia Retro ES50 V3	GU10	6W	220-240VAC	4000K	80	36°	620lm
RefLED Superia Retro ES50 V3	GU10	6W	220-240VAC	6500K	80	36°	620lm
RefLED Superia Retro ES50 V3	GU10	7.3W	220-240VAC	2700K	80	36°	700lm
RefLED Superia Retro ES50 V3	GU10	7.3W	220-240VAC	3000K	80	36°	700lm
RefLED Superia Retro ES50 V3	GU10	7.3W	220-240VAC	4000K	80	36°	750lm
RefLED Superia Retro ES50 V3	GU10	7.3W	220-240VAC	6500K	80	36°	750lm

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GLS/CANDLE LED LAMPS
SYLVANIA

SYLVANIA

Description	Lamp Holder	Watt	Voltage	CCT	CRI	Luminus Flux	Finish
ToLEDo Retro GLS Dimmable							
ToLEDo RT GLS Dimmable	B22	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS Dimmable	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS Dimmable	E27	11.2W	220-240VAC	2700K	80	1521lm	Clear
ToLEDo RT GLS Dimmable	E27	7W	220-240VAC	2700K	80	806lm	Satin
ToLEDo RT GLS Dimmable	E27	9W	220-240VAC	2700K	80	1055lm	Satin
ToLEDo RT GLS Dimmable	E27	9W	220-240VAC	4000K	80	1055lm	Satin
ToLEDo RT GLS Dimmable	E27	9W	220-240VAC	6500K	80	1055lm	Satin
ToLEDo RT GLS Dimmable	E27	11.2W	220-240VAC	2700K	80	1521lm	Satin
ToLEDo RT GLS Dimmable	B22	11.2W	220-240VAC	2700K	80	1521lm	Satin
ToLEDo Retro GLS							
ToLEDo RT GLS	B22	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT GLS	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT GLS	E27	4.5W	220-240VAC	4000K	80	470lm	Clear
ToLEDo RT GLS	E27	6W	220-240VAC	2700K	80	640lm	Clear
ToLEDo RT GLS	B22	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT GLS	E27	7W	220-240VAC	4000K	80	806lm	Clear
ToLEDo RT GLS	E27	8W	220-240VAC	2700K	80	1055lm	Clear
ToLEDo RT GLS	E27	8W	220-240VAC	4000K	80	1055lm	Clear
ToLEDo RT GLS	E27	11W	220-240VAC	2700K	80	1521lm	Clear
ToLEDo Retro Candle Dimmable							
ToLEDo RT Candle Dimmable	B22	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle Dimmable	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	2700K	80	470lm	Satin
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	4000K	80	470lm	Satin
ToLEDo RT Candle Dimmable	E14	4.5W	220-240VAC	6500K	80	470lm	Satin
ToLEDo Retro Candle							
ToLEDo RT Candle	B22	2.5W	220-240VAC	2700K	80	250lm	Clear
ToLEDo RT Candle	E14	2.5W	220-240VAC	2700K	80	250lm	Clear
ToLEDo RT Candle	B22	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle	E14	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLEDo RT Candle	E14	6W	220-240VAC	2700K	80	806lm	Clear
ToLEDo RT Candle	E27	6W	220-240VAC	2700K	80	806lm	Clear

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ELECTRON

HOMOGENEOUS 5VDC

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Code	Description	No.LED	Colour	Lamp Holder	Watt	Voltage	Diameter	Beam Angle
LED.301 /CC	HOMOGENEOUS 5W	1	RGB	CABLE	5W	5VDC	51mm	45°

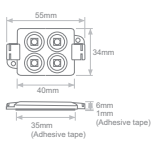
LED MODULE RGB

- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- Ideal for backlighting plexiglass and other special constructions.
- Reduced maintenance costs.
- Bright, diffuse light and saturated colours.
- Outdoor installation IP65.
- Adhesive tape at the rear side of the module.
- SMD LEDs.
- Sold in chain of 20 pcs.

Lighting management options:
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Code*	No.LED	Colour	Watt	Dimensions	Voltage	Beam Angle	IP
LEM.012 /CA	4 (RGB in one chip)	RGB	1.3W	55x7x34mm	12VDC	120°	IP65

***Note:** CA=Common Anode



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LED MODULE Samsung

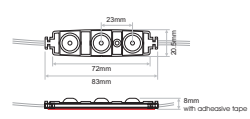
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- ABS Casing and Aluminium PCB
- Screw hole on the PCB for durable installation
- Adhesive tape at the rear side of the module.
- Standard chain of 25 modules.

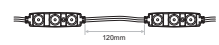
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

SAMSUNG

Code	No.LED	Watt	Dimensions	CCT*	CRI	Luminus FLUX (LM)	Lumen Efficacy	Voltage	Beam Angle	IP
LEM.015	3	1.3W	83x20.5x8mm	2700K	CRI80+	110 lm	91 lm/W	12VDC	120°	IP67
LEM.014	3	1.3W	83x20.5x8mm	3000K	CRI80+	120 lm	95 lm/W	12VDC	120°	IP67
LEM.013	3	1.3W	83x20.5x8mm	4000K	CRI80+	130 lm	100 lm/W	12VDC	120°	IP67
LEM.008	3	1.3W	83x20.5x8mm	5000K	CRI80+	130 lm	104 lm/W	12VDC	120°	IP67

* Available also in 6000K upon request.





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CHAIN WASH
LED Module 20°x70°

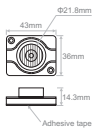
- ABS Casing and Aluminium PCB
- Screw hole on the PCB for durable installation
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- Adhesive tape at the rear side of the module.
- Standard chain of 21 LED modules (7 sets of 3 modules).
- Cutting every 3 LED modules (on indicative RED cable parts only).

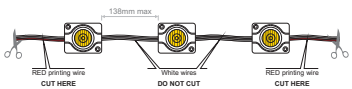
Lighting management options:
On-Off/DALI/0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

LIGHTSOURCE BY SAMSUNG

IP65

Code	3-Module Chain	Watt	CCT	CRI	Voltage	Beam Anlge	IP
LEM.020	3	3x2.7W	3000K	CRI80	12VDC	20°x70°	IP65
LEM.021	3	3x2.7W	4000K	CRI80	12VDC	20°x70°	IP65
LEM.022	3	3x2.7W	6500K	CRI80	12VDC	20°x70°	IP65





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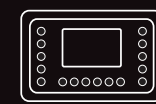
ELECTRON

LIGHTING MANAGEMENT



ARLIC
Architectural Lighting Management System

Designed & Manufactured
by ELECTRON SA

ARLIC architectural lighting system capable of managing the lighting needs of medium and multi purpose venues, but also flexible enough to cover the needs of a smaller space where the cost of installation is crucial, yet providing the features of a large system.

ARLIC system consists of:

- ***Control panels of 6 or 18 scenarios.***
- ***8 analogue input interface.***
- ***4 mains voltage (230VAC) input interface.***
- ***Infrared remote control.***
- ***Lighting programmer.***

ARLIC system can control up to 32 scenarios each. Each scenario can be a scene with programmable fade in-out, or a chaser with programmable rate and fade.

By using the 8 analogue input interface it is possible to connect to the system other control panels such as 0-10V, 1-10V rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts. By using the 4 mains voltage (230VAC) input interface it is possible to connect to the system common motion detectors, wall mounted switches (230VAC), as well as to have mains voltage monitoring for emergency functions.

The scenario selection buttons of all the system control panels are programmable. Any scenario can be activated from the desired button. Also, the buttons of each control panel can be grouped and function in different ways of scenario selection. The control panels can, optionally, have an IR receiver so as to accept commands from the system's IR remote control. With the remote control there is the possibility of controlling up to 18 scenarios.

The architectural lighting controller manages all the commands that are sent by the control panels and interfaces, it activates the lighting scenarios and scheduled events and it transfers them to the 512 channels of the DMX-512 output. By this way, any DMX device can be connected to the ARLIC system. The architectural lighting controller is also equipped with a DMX-512 input with an incorporated merger. From the DMX-512 input and by using a DMX control desk it is possible to control the illumination of spaces with capability of de-activating (Blocking) selected control panels.

An Emergency Scenario for each zone can be automatically activated when the ARLIC system detects power failure and activation of the electric generator, avoiding this way network overload. Also, a Panic Scenario for each zone can be activated from an external emergency heavy duty push button for lighting all areas in special cases.

The ARLIC system network (ARLICnet) is based on the Controller Area Network (CAN) protocol which is a real-time, serial, broadcast protocol with a very high level of security.

In ARLICnet there can be up to 96 Nodes of control panels and interfaces, while it is divided in 6 Segments which are connected by the repeaters.
The topology of ARLICnet can be Linear, Star, Tree, Ring or a combination of those.

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Ideal in small installations or in applications where cost is a crucial factor, control panels of 6 or 18 scenarios with incorporated DMX output can be used.

The ARLIC lighting control system can manage up to 60 DMX channels, while it is also possible that the control panels have an IR receiver for the IR remote control ARS.004.

The ARLIC can control up to 32 senarios and can support up to 48 nodes (16 control panels ARS.009/010/011/012, 16 analogue interfaces ARS.002 and 16 high voltage interfaces ARS.001). Also emergency lighting conditions are supported by the system.

ARLIC Controllers

ARS.013 WHITE

ARS.013 BLACK

ARS.023 WHITE

ARS.013
Control panel and controller with **6** scenarios and DMX output.

ARS.014
Control panel and controller with **6** scenarios, infrared receiver and DMX output.

ARS.023
Wall mounted control panel and controller with **6** scenarios and DMX output.

ARS.024
Wall mounted control panel and controller with **6** scenarios, infrared receiver and DMX output.

ARS.015 WHITE

ARS.015 BLACK

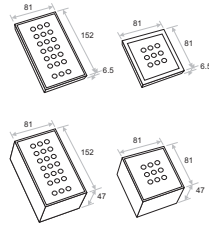
ARS.025 WHITE

ARS.015
Control panel and controller with **18** scenarios and DMX output.

ARS.016
Control panel and controller with **18** scenarios, infrared receiver and DMX output.

ARS.025
Wall mounted control panel and controller with **18** scenarios and DMX output.

ARS.026
Wall mounted control panel and controller with **18** scenarios, infrared receiver and DMX output.



ARLIC system:
•Advanced lighting control system.
•Perfect lighting solutions.
•User friendly.

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CONTROL PANELS
of 6 & 18 Scenarios for ARLIC

Designed & Manufactured
by ELECTRON SA

- Control panels of 6 and 18 scenarios.
- IR receiver (optional).
- Programmable buttons.
- Button grouping.
- Multiple button operation modes.
- Up and down dimming buttons.
- Monitor LEDs for active scenarios.
- Status backup on power failure.
- DMX-512 output for stand alone operation.
- ARLICnet port.
- Variety of colours.

ARS.009 WHITE

ARS.009 BLACK

ARS.027 WHITE

ARS.009
Control panel with **6** scenarios.

ARS.010
Control panel with **6** scenarios and infrared receiver.

ARS.027
Wall mounted control panel with **6** scenarios.

ARS.028
Wall mounted control panel with **6** scenarios and infrared receiver.

ARS.011 WHITE

ARS.011 BLACK

ARS.029 WHITE

ARS.011
Control panel with **18** scenarios.

ARS.012
Control panel with **18** scenarios and infrared receiver.

ARS.029
Wall mounted control panel with **18** scenarios.

ARS.030
Wall mounted control panel with **18** scenarios and infrared receiver.

- Standard colours for frames and panels are BLACK or WHITE.
- Other colours of frame and panels: GREY, IVORY, STAINLESS STEEL, ANTHRACITE or ALUMINIUM are available at extra cost.

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ARLIC
Accessories

Designed & Manufactured
by ELECTRON SA

Analogue interface
ARS.002 for ARLIC

- 8 programmable analogue inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The analogue inputs can be used to connect 0-10V control panels, 1-10V rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts.

High voltage interface
ARS.001 for ARLIC

- 4 programmable H.V. (230VAC) inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The inputs can be used to connect common motion detectors, wall mounted switches or buttons (230VAC), while it is possible to have mains voltage monitoring for emergency functions.

IR remote control
ARS.004 for ARLIC

- Remote control of 18 scenarios.
- Selection of active zone.*
- Up and down dimming buttons.
- Long effective range.
- No command conflict between zones.*
- Each zone can have its own remote control.*
- OFF button.

*Not available functions in the MINI ARLIC system.

Programmer
ARS.008 for ARLIC

- ARLIC system configuration.
- System devices setup.
- Scenario programming.
- Events programming.
- Emergency and panic programming.
- USB port for backup on memory stick.
- ARLICnet port.

Accessories for ARLIC

ARS.017
1-10V electronic rheostat

ARS.018
Wall motion detector

ARS.019
Ceiling motion detector

ARS.020
Presence detector

ARS.021
RJ45 ARLIC net socket

ARS.022
Wall mounted
RJ45 ARLIC net socket

ARS.003
ARLIC net repeater

ARC.004
Recessed wall box for
1 gang control panels.
Supplied for the control
panels if needed.

ARC.005
Recessed wall box for
2 gang control panels.
Supplied for the control
panels if needed.

ARC.006
Plasterboard box for
1 gang control panels.
Supplied for the control
panels if needed.

ARC.007
Plasterboard box for
2 gang control panels.
Supplied for the control
panels if needed.

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DMR.730
TRAILING EDGE Dimmer

Designed & Manufactured by ELECTRON SA

SMRD technology

DMR.730
FLICKER FREE TRAILING EDGE DIMMER
Unaffected from mains fluctuations

Specially designed for dimmable 230VAC LED lamps.	**The only dimmer which achieves stable output voltage, unaffected from mains fluctuations.**	**Output remains stable even at 230VAC, in power supply voltage range from 173VAC to 265VAC.**

Mains fluctuation immunity

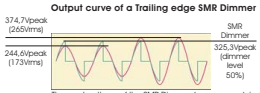
The light intensity adjustment in a common flicker free dimmer is usually based on IGBTs (Insulated Gate Bipolar Transistor).
These dimmers have the ability to vary the conduction angle of the power supply sinusoidal voltage so that regulation of brightness variation of the lamp(s) is achieved.
When IGBT is in conduction state it acts as a switch, and consequently the supply voltage is conducted at the dimmer's output. This means that any fluctuation in the mains voltage is conducted to the lamps and the result is the variation of the lamps' luminosity. Thus, these dimmers are flicker-free concerning their electronic circuit, but the lamps are flickering because of the dimmer's weakness to control the fluctuations of the mains system.

The new SMRD (Switch Mode Regulated Dimmer) technology monitors the mains voltage and stabilizes the output voltage so that this remains stable and unaffected from the network's fluctuations, thus results in the stability of the lamp(s) brightness.

Output curve of a common Trailing edge flicker free dimmer

When the IGBT is in conduction, the dimmer's peak voltage (green curve) is about the same with the mains peak voltage (red curve). Consequently, the voltage that is conducted to the lamp(s) is proportional to the mains' fluctuations.

Output curve of a Trailing edge SMR Dimmer



The peak voltage of the SMR Dimmer (green curve), is stable irrespectively of the mains peak voltage (red curve). The amplitude of the mains' fluctuation could be from 173V to 265V.

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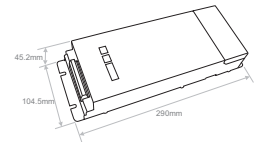
True output regulation

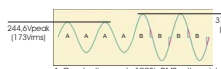
Some dimmers available in the market achieve voltage stabilization by regulating the conduction angle. With this method the RMS voltage can remain stable, however there are three disadvantages:
1) Mains voltage must be always higher than the output voltage.
2) By changing the conduction angle, brightness is affected because the LED Lamp(s) luminosity regulation is depended on the conduction angle of the dimmer.
3) When the dimmer is on at full (conduction angle 100%), there is no possibility to further increase the conduction angle in case of a voltage drop from the network.

SMR technology maintains the output voltage stable with no need of higher mains voltage and without changing the conduction angle. This means that even if the dimmer is at 100%, the output remains at full (230V) in power supply voltage range from 173V to 265V.

SMRD technology

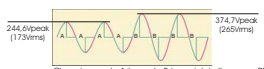


Failure of RMS output voltage stabilization, by changing the conduction angle, when the dimmer is at full (100%).



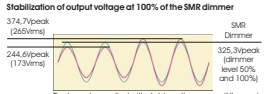
A: Conduction angle 100%. RMS voltage is less than 173Vrms, not 230Vrms.
B: Smaller conduction angle for output 230Vrms. The supply voltage must be higher than 230Vrms.

Stabilization of RMS output voltage by changing the conduction angle.



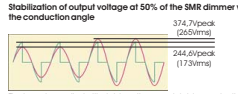
Changing angle A to angle B to maintain the same RMS output voltage, results in changing the brightness of the lamp.

Stabilization of output voltage at 100% of the SMR dimmer



The lamp is supplied with stable voltage even if the mains voltage drops at 173V.

Stabilization of output voltage at 50% of the SMR dimmer without changing the conduction angle



The lamp is supplied with stable voltage and stable conduction angle.

More features of the SMR Dimmer:

Power Factor

LED lamps but also CFLs (Compact Fluorescent Lamps) are usually loads with low power factor (cosΦ=0.55-0.75).
Independently from the lamps' power factor, the new SMR dimmer consumes energy with power factor >0.98 (for output level 100%), without affecting the network.

Lamp protection

Due to the special electronic circuits and stabilization the output voltage is always steady and free from spikes and over-voltages protecting the lamps even from complete failure.

Dimming law correction

With the use of two trimmers the dead fields, that usually LED and fluorescent lamps have, are eliminated. The first trimmer is used for the minimum and the other one for the maximum brightness of the lamp. In this way the controller works correctly when adjusting the lamps' brightness.

Master Slave operation

The new SMR dimmer can work as master, controlling multiple SMR dimmers connected at its DMX output. With this feature, as many SMR dimmers as the user likes can be controlled from one controller.

CFL ignition

CFLs (Compact Fluorescent Lamps) in order to ignite need operating voltage of more than approximately 50%. Thus, in order to turn on a CFL at 30% for example, the user should first adjust the dimmer over 50% and afterwards dim it at 30%.
The new SMR dimmer is capable of providing a pulse of 100%, of the output voltage, for 1sec automatically, in case we need to turn on the lamps at percentages less than 50%.

Control inputs

The new SMR dimmer incorporates both DMX-512 and analogue inputs. At the analogue input the user can connect 0/10V, or 1/10V, or rheostat 100Klog, or button for ON - OFF and dimming, or UP/DOWN button for ON - OFF and dimming.

PWM signal output

The new SMR dimmer incorporates PWM signal output, providing the capability of driving constant voltage and constant current converters of ELECTRON SA. Thus, with one controller the user can control multiple types of lighting fixtures.

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DMR.731
TRAILING EDGE Dimmer

Designed & Manufactured
by ELECTRON SA

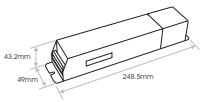
DMR.731
FLICKER FREE TRAILING EDGE DIMMER

Economic solution for controlling:

- **Dimmable LEDs 230V.**
- **Dimmable CFLs .**
- **Trailing edge dimmable Electronic Transformers.**

- Handles great inrush currents.
- Lamps connected up to 350W.
- Dimming Law Correction eliminating dead fields of the lamps.
- Master - Slave operation for controlling multiple Dimmers with one controller.
- CFL ignition.
- DMX-512 input.
- Analogue input (0/10V, 1/10V, rheostat 100Kog, button, UP/DOWN button).
- PWM signal output can drive ELECTRON SA constant voltage and constant current converters.

Output power 350W
Controlled by IGBT



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DIN RAIL
TRAILING EDGE Dimmers
DMR.732, DMR.733, DMR.734, DMR.735, DMR.736

Economic solution for controlling:

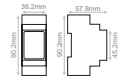
- Dimmable LEDs 230V
- Dimmable CFLs
- Dimmable Electronic transformers

Features

- Supports "Aller Retour" between Push Button(s) & 1/10V or Wireless or DMX-512 or DALI (except DMR.736).
- Adjustable minimum level.
- Easily fastened to DIN (EN 60715) RAIL.
- Over temperature protection .

Designed & Manufactured
by ELECTRON SA

Code	Power Sypply	Power Output	Output Current	Dimming Resolution	Dimming Method	Output Channels	Control
DMR.732	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	1-10V, Push Button(s)
DMR.733	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	Wireless*, Push Button(s)
DMR.734	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	DMX-512, Push Button(s)
DMR.735	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	DALI, Push Button(s)
DMR.736	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	Wireless*



Range CASAMBI

Casambi uses mesh network technology so each Casambi product acts also as a repeater.
Longer ranges can be achieved by using multiple Casambi units.

* Range is highly depended on the surrounding and obstacles, such as walls and building materials.
**150m range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.

Compatible devices:

iPhone IOS 10.0 or later, iPad iPadOS 10.0 or later, Mac macOS 11.0 or later
Android 4.4 KitKat or later devices with full BT 4.0 support

app available on:

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ANALOGUE to DMX
MERGER Converter

- Converts nine analogue signal inputs (0/10VDC) into the digital DMX-512 signal
- Ideal for installations with Instabus (KNX/EIB) protocole

Designed & Manufactured by ELECTRON SA

Code	Model	Analogue Inputs	Analogue Inputs Voltage	Input Impedance	DMX-512/1990 Input	DMX-512/1990 Output	Merge of Analogue & Digital Input Data	Supply Voltage	Power Consumption
DEM.001	A102DM	9	0/+10VDC	50KΩ (min.)	YES	YES	YES	12-24VDC	0.7W

Envir. Temperature: -5°C to 40°C

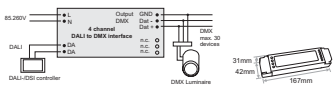
DMX TO 1-10V & DMX TO 0-10V Converters

Designed & Manufactured by ELECTRON SA

Code	Model	Input Signal	Output Channels	Output Signal	Supply Voltage	Power Consumption	Description
DEM.004	DM2110	DMX-512 /1990	4	1/10V sink current	24VDC	2.5W	Converts the DMX signal to 4x1...10V sink current (output per channel 20mA)
DEM.005	DM2010	DMX-512 /1990	4	0/10VDC	24VDC	2.5W	Converts the DMX signal to 4x0...10V analogue outputs (output per channel 4mA)

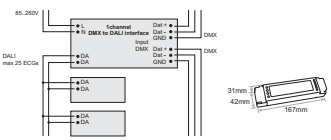
4ch DALI / DSI to DMX Interface

Code	Supply Voltage	Input Signal	Output Signal	No Of control channels
DEM.156	85-260VAC 50-60Hz	DALI / DSI	DMX512	4



1ch DMX to DALI Interface

Code	Supply Voltage	Input Signal	Output Signal	No Of control channels
DEM.181	85-260VAC 50-60Hz	DMX512	DALI	1



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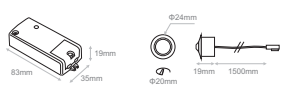
PIR MOTION DETECTOR

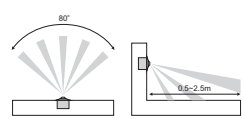
- Smart isolated PIR Sensor Switch Controller, with detachable PIR sensor detector (1,5m cable).
- The controller will turn on the switch output when it detects motion. And turn off automatically after the adjustable delay.
- Wide range operation input voltage from 100VAC to 240VAC.
- Stand by consumption <0,5W
- Detection range: 0,5-2,5m
- Detection angle: 80°
- Delay time: 10-30sec
- PIR Sensor available in white colour as standard. Black colour available upon request.
- Operating temperature range: -20° to +50°C
- Indoor use

Code	Model	Input Voltage	Delay Time	Detection Angle
SNR.006	**PIR Motion Detector**	AC100V~240V, 50/60Hz	10sec~3min	80°

Max. Lighting load:

	Types of load				
Range voltage	**Incandescent lamp/ HV-halogen lamp**	**Electronic ballast**	**Inductance ballast**	**Electronic transformer**	**LED driver**
AC 100V, 50/60Hz	250VA	80VA	60VA	250VA	80VA
AC 240V, 50/60Hz	250VA	150VA	100VA	250VA	150VA





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Bluetooth
Xpress Wireless Interface

Bluetooth

Xpress is a wireless user interface that brings huge flexibility to interior design as furniture can be replaced or even walls can be rebuilt without having to take wiring of switches or switch placement into account. The switch can be kept wherever the user needs it and it gives direct access to all the important Casambi lighting control functionalities.

Code	Colour	Range	Battery (incl.)	Battery Lifetime	Dimensions
CDS.191 **CDS.192**	White Black	up to 60m in open air	CR2430 Lithium coin cell	2-5 years, depending on usage	90x90x12mm

Xpress is equipped with magnets
for easy attachment to a mounting bracket.
The mounting bracket is included.

➡ Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 127 units form automatically an intelligent mesh network.
➡ Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

Range

CASAMBI

Casambi uses mesh network technology so each Casambi product acts also as a repeater.
Longer ranges can be achieved by using multiple Casambi units.

* Range is highly depended on the surrounding and obstacles, such as walls and building materials.
**150m range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.

Compatible devices:

iPhone iOS 10.0 or later, iPad iPadOS 10.0 or later, Mac macOS 11.0 or later
Android 4.4 KitKat or later devices with full BT 4.0 support

app available on:

Download on the App Store | ANDROID APP ON Google play

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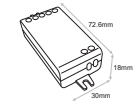
ELECTRON

Bluetooth
4ch PWM Dimmer

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, four channel PWM dimmer for constant voltage LED loads
- Ideal partner for RGBW and tunable white (TW) applications.

Code	Supply Voltage	Output Voltage	Max. Output Power	Max. Output Current	Control	Dimming Method	Dimensions	IP Rate
DEM.195	12-24VDC 6A Max. input current	12-24VDC same as input voltage	144W @ 24VDC 72W @ 12VDC	6A can be freely divided between the channels	Casambi app. Bluetooth 4.0 protocol	PWM	72.6x30x18mm	IP20



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iPhone iOS 10.0 or later, iPad iPadOS 10.0 or later, Mac macOS 11.0 or later
Android 4.4 KitKat or later devices with full BT 4.0 support

app available on:

Download on the App Store | ANDROID APP ON Google play

ELECTRON

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

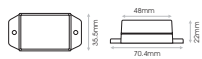
Bluetooth
4ch PWM Dimmer

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, four channel PWM dimmer for constant voltage LED modules.
- Ideal partner for RGBW and tunable white (TW) applications.
- Suitable for TV studios.

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Output Voltage	Max. Output Power	Total. Output Current	Control	Dimming Method	Dimensions	IP Rate
DEM.214	12-48VDC 10A Max. input current	12-48VDC same as input voltage	480W @ 48VDC 240W @ 24VDC 120W @ 12VDC	10A can be freely divided between the channels or loaded in one channel	Casambi app. Bluetooth 4.0 protocol	PWM (1.95kHz)	70.4x35.5x22mm	IP20
DEM.226	12-48VDC 8A Max. input current	12-48VDC same as input voltage	384W @ 48VDC 192W @ 24VDC 96W @ 12VDC	8A can be freely divided between the channels or loaded in one channel	Casambi app. Bluetooth 4.0 protocol	PWM (3.9kHz)	70.4x35.5x22mm	IP20



➡ Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 250 units form automatically an intelligent mesh network.
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Range

CASAMBI

Casambi uses mesh network technology so each Casambi product acts also as a repeater.
Longer ranges can be achieved by using multiple Casambi units.

* Range is highly depended on the surrounding and obstacles, such as walls and building materials.
**150m range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.

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ELECTRON

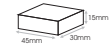
Bluetooth
4 Push Button Controller

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store
- Direct access to all the important Casambi lighting control functionalities.
- Flexibility to interior design & comunication between casambi's devices.
- Small size. Can be placed inside wall mount push button boxes.

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Push Button No.	Control	Dimensions	IP Rate
DEM.215	12-48VDC	4	Casambi app. Bluetooth 4.0 protocol	45x30x15mm	IP40



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Bluetooth
TRAILING EDGE Dimmer

Bluetooth

- Controlled with Casambi app, as well as with traditional wall switches.
  The Casambi app can be downloaded from Apple App Store and Google Play Store.
- Bluetooth trailing-edge dimmer for controlling incandescent lamps, dimmable LED lamps and dimmable LED control gear.

DEM.191

DEM.219

Code	Supply Voltage	Max Output Power	Max Output Current	Control	Dimensions	IP Rate
DEM.191	85-240VAC 50-60Hz 0,65A Max. mains current	150W / 230VAC 70W / 110VAC	0.65A	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20
DEM.219	85-240VAC 50-60Hz 0,65A Max. mains current	150W / 230VAC 70W / 110VAC	0.65A	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20

Load Suitability

Type of load	Max. load
Incandescent and high voltage halogens (R)	150 W
High quality dimmable LED bulbs (C) 1)	50 W
High quality dimmable CFL bulbs (C) 1)	50 W
Trailing edge dimmable LED drivers (C) 1) 2)	50 W
Low voltage halogens with electronic transformers (C) 1) 2)	50W
High voltage AC LED modules (R) 3)	150W
uminescent lamps, non-dimmable LED and CFL bulbs (C)	Not allowed
Wire wound transformers, electric motors and other inductive loads (I)	Not allowed

Never connect inductive loads, such as iron core transformers. This could cause permanent damage to the dimmer. Do not mix different types of loads.

1) Dimming quality depends solely on the load electronics.
   Do not connect more than two LED or CFL bulbs to one CBU-TED.
   Do not mix different types of bulbs or loads.
2) Do not connect more than two electronic transformers to one CBU-TED.
3) Some LED modules may flicker at low dimming levels.

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app available on:
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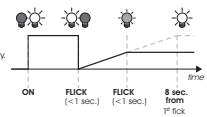
Dimming without app

1. Turn lights on from a wall switch.
2. Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
3. Flick the switch again at desired dim level. The selected level is saved automatically.
4. If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
5. Flicking the switch can also be used to switch between predefined scenes.



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ELECTRON

Bluetooth
to 0-10V, 1-10V or DALI Control Unit

Bluetooth

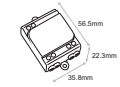
- Controlled with Casambi app, as well as with traditional wall switches.
  The Casambi app can be downloaded from Apple App Store and Google Play Store.
- 0-10V (and 1-10V) or digital Standalone DALI control interface.
- Standalone DALI makes it possible to implement multi-channel lighting systems with adjustable color (RGB and RGBW) or color temperature (CCT), while keeping the wiring and number of components at their minimum.

Code	Supply Voltage	Output Voltage*	Signal Output**	Control	Dimensions	IP Rate
DEM.192	220-240VAC 50Hz 0,6A Max. mains current	220-240VAC 50Hz	0-10VDC or DALI 9-12VDC	Casambi app. Bluetooth 4.0 protocol	56.5x35.8x22.3mm	IP20
DEM.222	220-240VAC 50Hz 0,6A Max. mains current	220-240VAC 50Hz	0-10VDC or DALI 9-12VDC	Casambi app. Bluetooth 4.0 protocol	56.5x35.8x22.3mm	IP20

*For External Relay use only
** Max. number of drivers connented: 1pc

DEM.192

DEM.222



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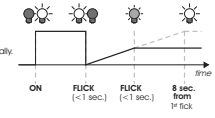

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Bluetooth
to DALI Control Unit

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integrated DALI power supply that allows to control a maximum of 25 DALI drivers.
- Bluetooth controller must not be connected to DALI lines that are already supplied by a DALI power supply.
- One independent and mains operated push button input.

Code	Supply Voltage	Output Current	Signal Output	Control	Dimensions	IP Rate
DEM.227	220-240VAC 50/60Hz	50mA	DALI (compatible) 4ch single/group addresses	Casambi app. Bluetooth 4.0 protocol	119x30x21mm	IP20

ACC.994
Optional
Straight relief set accessory

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integrated DALI power supply that allows to control a maximum of 50 DALI drivers.

Code	Supply Voltage	Output Current	Signal Output	Control	Dimensions	IP Rate
DEM.225	220-240VAC 50/60Hz	100mA	DALI	Casambi app. Bluetooth 4.0 protocol	38x38x26mm	IP44

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app available on:

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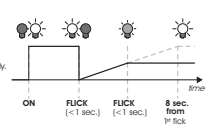

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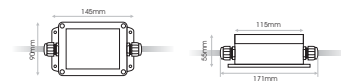
Bluetooth
1ch Relay Switch
With Inrush Current Limiter (ICL)

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, 1ch Relay switch with build-in inrush current limiter.
- Ideal for outdoor use.
- Material: Polycarbonate (pc) housing.
- In/Out H07RN-F ruber cables (3 x 1.5mm^2).
- Maximum connected capacity 2000μF.
- Inrush limiting time: 350ms (+/- 50ms).
- Inrush limiting cycles: 3cycles/minute.
- Continuous current up to 10A.
- Operating temperature: -25..+50C°.

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Peak Current Limitation	RMS Current Limitation	Max. Continuous Current	Max. Continuous Power	Control	Dimensions	IP Rate
DEM.216	220-240VAC / 50Hz	16A	10A	10A rms.	2400W	Casambi app. Bluetooth 4.0 protocol	115x90x55mm	IP65



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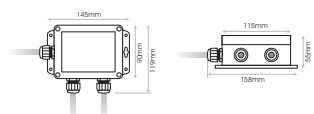
Bluetooth
2ch Relay Switch

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, 2ch Relay switch.
- Ideal for outdoor use.
- Material: Polycarbonate (pc) housing.
- In/Out H07RN-F ruber cables (3 x 1.5mm²).
- Total current up to 10A (both channels driven).
- Operating temperature: -25..+50C°.

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Number of Channels	Max. Current	Max. Power	Control	Dimensions	IP Rate
DEM.231	220-240VAC / 50Hz	2ch	Total capacity 10A rms (Both channels driven)	2400W	Casambi app. Bluetooth 4.0 protocol	115x90x55mm	IP65



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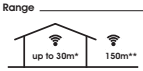

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App Store | Google play

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Bluetooth
Dali interface Control Unit

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integration of Bluetooth Casambi control to BMS, KNX, and smart automation systems.
- Powered directly from a DALI bus
- Can be used with a DALI sensor for presence detection or daylight harvesting

Code	Supply Voltage	Signal Current DALI	Control	Dimensions	IP Rate
DEM.218	9.5-22.5VDC	250mA max.	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20
DEM.229	9.5-22.5VDC	250mA max.	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20

DEM.218

DEM.229

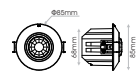
Bluetooth Sensor

Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Ambient light control and presence detection.
- Detection range mounted at height of 3 meters Φ 8meters.
- Detection angle 53°.
- Light measurement at sensor head 1-2000lx (+- 20%).

Code	Supply Voltage	Mounting Height	Control	Dimensions	IP Rate
SNR.000	220-240VAC 50/60Hz	4m max.	Casambi app. Bluetooth 4.0 protocol	Recessed Φ85x73.3mm Surface mounted Φ85x73.3mm	IP20

Recessed



ACC.993
Housing for surface mounted installation

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Akasha Beach Hotel & Spa
(Heraklieion Crete / Greece)
Architects: scherma 4 architects
Photos: Manos Efchetzis

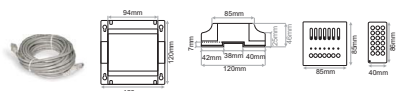
AWARDS:
BIGSEE Interior Design AWARD 2022 Winner

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiohias Str, N.Philadelphia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

6 ch DMX Controller with **IR Remote Control**

- LED dimmers / controllers

Code	Supply Voltage	Output	Dimming Control	Scenes	Remote Control	Fade	Signal/Power Distribution Box
CDS.216	230VAC	6 channel DMX-512	6 channel faders and master fader	6 programmable scenes of up to 100 steps per scene	IR	Assignable setting separately and master control	Is included as power supply and DMX signal converter



4 ch RGBW Touch DMX and PWM 12/24V Output LED Dimmer / Controller

- LED dimmers / controllers
- Memory retained upon power failure.

Code	Supply Voltage	Nr. of Channels	Output1	Output2	Output Power	Dimming Control	Menus	Store/ Playback
CDS.221	12-24VDC	4	DMX-512	Depending on the power supply 0...12V - 0...24V	24W/ch (12V) total 72W (12V) or 48W/ch (24V) total 144W (24V)	Touch switches	Four function	4 scenes and 4 colours

3 ch DMX Output CHAMELEON controllers CONSTANT VOLTAGE

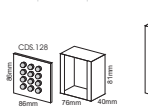
Designed & Manufactured by ELECTRON SA

- The most flexible and user friendly series of architectural controllers.
- Ideal for creating scenes and controlling the light in architectural applications.
- Intelligent control solutions for RGB, AW, AWB, Monochromatic LEDs.

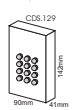
Code	Description	Scenes	Op.Volt.	Current	Output Channels	Output Digital DMX-512	Dimensions
CDS.128	**CHAMELEON 128** WALL/FLASH MOUNTED	5+1	12-15VDC	40mA	3DMX	YES	86x86x28mm
CDS.129	**CHAMELEON 129** DESKTOP/WALL MOUNTED	5+1	12-15VDC	40mA	3DMX	YES	142x41x90mm

TECHNICAL SPECIFICATIONS

- DMX-512 output.
- Dynamic colour environment from a template of 16.7 million colours.
- Save of colours for future use.
- Decrease or increase of the intensity of light (dimmer).
- Ability to activate automatic factory programs (six preset sequences).
- Capability of changing the time that each colour is on (step time).
- Selection of the time of change from one colour to another (fade time).



ACC.001
WALL BOX 1 GANG for CHAMELEON 128



CDS.018
POWER SUPPLY for CHAMELEON 128 & 129

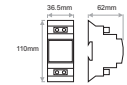
INRUSH CURRENT LIMITER 300ms / 230VAC

INRUSH CURRENT LIMITER
300ms / 230VAC / 16A

Code	Model
DEM.193	INRUSH CURRENT LIMITER 300ms / 230VAC / 16A

INRUSH CURRENT LIMITER
LED 300ms / 230VAC / 48A peak

Code	Model
DEM.194	INRUSH CURRENT LIMITER LED 300ms / 230VAC / 48A peak



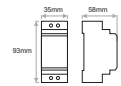
INRUSH CURRENT LIMITER 300ms / 180-264VAC / 23A peak / 16A

INRUSH CURRENT LIMITER
LED 300ms / 180-264VAC / 23A peak / 16A

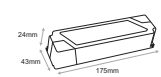
- Overheating, Overload protection.

Code	Relay Limiting Time	Supply Voltage	Inrush Current Limiting	AC Continuous Rated Current
DEM.203	300ms	180-264VAC	23A peak	16A
DEM.204	300ms	180-264VAC	23A peak	16A

DEM.203



DEM.204



EMERGENCY LIGHT KIT for CONSTANT VOLTAGE or CONSTANT CURRENT LED

- Instant emergency operation at mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers or dimmable electronic drivers).
- Multi-power dimmable version DIP-SWITCH, constant current or constant voltage to power LED to LED modules.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- "Test mode" facility with remote control device.
- Self diagnosis system with internal module, optional.
- Reference Norms: EN55015, EN6100-3-2, EN61347-2-13, EN61347-2-7, EN61547.
- Lamps: Power LEDs , LED modules.

Code	Voltage	Frequency	Battery V-Ah	ta °C	tc °C	Charge Time
EKT.001	220-240V	50...60Hz	7.2V-4Ah	0 +55	75	24h

Technical Data:

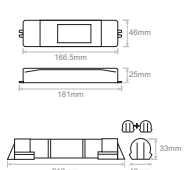
- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 9mm.
- Supply current: 35mA max.
- Terminal blocks max. connection size: 1.5mm^2
- Max distance between driver and lamp: 2 meters.

Battery:

- **Rechargeable high temperature Ni-Cd Saft batteries.**
  These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +55ºC) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).

DIP-SWITCH position	Working voltage in an emergency (V$_f$)	Output current in an emergency (I)	n° max. power of LED current	Power max. for LED modules voltage
A	12V const.	200mA ± 10%	N_{LED}=12/V_f	24W
B	24V const.	160mA ± 10%	N_{LED}=24/V_f	30W
C	46V const.	60mA ± 10%	N_{LED}=46/V_f	50W
D	9-58V	200-30mA	N_{LED}=58/V_f	-

DIP-SWITCH positions example:
A position, can connect 3 LED with V_f 3.5V or 1 LED V_f 10V, or a strip LED 12V-24W max.
B position, can connect 6 LED with V_f 3.7V or 2 LED V_f 10V, or a strip LED 24V-30W max.
C position, can connect 12 LED with V_f 3.7V or 4 LED V_f 10V.
D position, can connect 18 LED with V_f 3,2V or 3 LED V_f 17V.



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EMERGENCY LIGHT KIT for 12V LED Lamps with Lamp Holder GU5.3

- Instant emergency operation at mains failure.
- Maintained or not maintained operation.
- Suitable for LED lamps 12V.
- High efficiency, minimum heat dispersion and absolute reliability.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- Reference Norms: EN 61347-2-7.
- Lamps: LED lamps 12V / GU5.3.

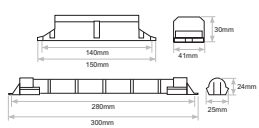
Code	Voltage	Frequency	Power W	Battery V-Ah	Flux %	ta °C	tc °C	Weight	Charge Time
EKT.002	220-240V	50...60Hz	3-7W	7.2V-1.6Ah	80/100%	0 +50	70	170gr	24h

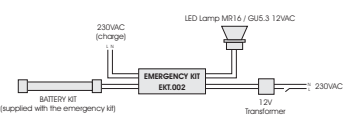
Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 9mm.
- Supply current: 20mA max.
- Push-wire connections max. size: 1.5mm^2
- Max distance between driver and lamp: 2 meters.

Battery:

- **Rechargeable high temperature Ni-Cd Saft batteries.**
  These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +50ºC) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).
- Long term storage (up to 4 months in normal conditions: temperature range from +5ºC to +25ºC in a 65% ±5% relative humidity atmosphere).





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EMERGENCY LIGHT KIT for 230V LED Lamps with Lamp Holder GU10

- Instant emergency operation at mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers and dimmable electronic drivers).
- Suitable for LED lamps 230V - 0/50Hz.
- High efficiency, minimum heat dispersion and absolute reliability.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- "Rest mode" facility with remote control device.
- Reference Norms: EN 61347-2-7.
- Lamps: LED lamps 230V / GU10.

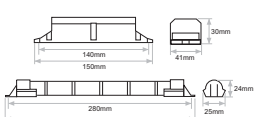
Code	Voltage	Frequency	Power W	Battery V-Ah	Flux %	ta °C	tc °C	Weight	Charge Time
EKT.003	220-240V	50...60Hz	3-6.5W	7.2V-1.6Ah	80/100%	0 +60	80	170gr	24h

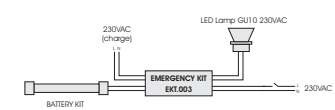
Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 8.8mm.
- Supply current: 20mA max.
- Push-wire connections max. size: 1.5mm^2
- Max distance between driver and lamp: 2 meters.

Battery:

- **Rechargeable high temperature Ni-Cd Saft batteries.**
  These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +50ºC) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).
- Long term storage (up to 4 months in normal conditions: temperature range from +5ºC to +25ºC in a 65% ±5% relative humidity atmosphere).





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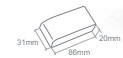
DIMMABLE ELECTRONIC TRANSFORMER

- Dimmable with trailing or leading edge dimmers.
- Short circuit protection.

Code	Power Supply	Output Voltage	Max. Watt
TRF.002	230VAC	12VAC	60W



CABLES / CONNECTORS

3P XLR PREFAB CABLE
3PIN MALE TO 3PIN FEMALE XLR (MIC/DMX)

Code	Model	Connectors	Length	Diameter	Colour
WIR.019	3P XLR 150	XLRM / XLRF	150cm	6mm	Black
WIR.020	3P XLR 300	XLRM / XLRF	300cm	6mm	Black
WIR.021	3P XLR 600	XLRM / XLRF	600cm	6mm	Black
WIR.022	3P XLR 900	XLRM / XLRF	900cm	6mm	Black

5P XLR PREFAB CABLE
5PIN MALE TO 5PIN FEMALE XLR CABLE (DMX)

Code	Model	Connectors	Length	Diameter	Colour
WIR.005	5P XLR 150	5P XLRM / 5M XLRF	150cm	6,8mm	Black
WIR.001	5P XLR 300	5P XLRM / 5M XLRF	300cm	6,8mm	Black
WIR.002	5P XLR 600	5P XLRM / 5M XLRF	600cm	6,8mm	Black
WIR.003	5P XLR 900	5P XLRM / 5M XLRF	900cm	6,8mm	Black

XLR CONNECTORS
3P/5P MALE & FEMALE XLR CONNECTORS

Code	Model	Connectors
100.003	3P XLRF	3PIN XLR FEMALE
100.002	3P XLRM	3PIN XLR MALE
100.011	5P XLRF	5PIN XLR FEMALE
100.010	5P XLRM	5PIN XLR MALE

WIR.405
DMX CABLE ON SPOOL 100M

Code	Spool	Colour	Diameter
WIR.405	100m	Black	6mm

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Extension cables for juction boxes with connectors IP68

Code	Description	Code	Description
WIR.500	2 pole 100cm extension cable 2x13A / IP68	**WIR.520**	2 pole 100cm extension cable 2x30A / IP68
WIR.501	2 pole 200cm extension cable 2x13A / IP68	**WIR.521**	2 pole 200cm extension cable 2x30A / IP68
WIR.502	2 pole 300cm extension cable 2x13A / IP68	**WIR.522**	2 pole 300cm extension cable 2x30A / IP68
WIR.503	2 pole 500cm extension cable 2x13A / IP68	**WIR.523**	2 pole 500cm extension cable 2x30A / IP68
WIR.504	4 pole 100cm extension cable 1x6,6A+3x2,5A / IP68	**WIR.524**	4 pole 100cm extension cable 1x30A+3x10A / IP68
WIR.505	4 pole 200cm extension cable 1x6,6A+3x2,5A / IP68	**WIR.525**	4 pole 200cm extension cable 1x30A+3x10A / IP68
WIR.506	4 pole 300cm extension cable 1x6,6A+3x2,5A / IP68	**WIR.526**	4 pole 300cm extension cable 1x30A+3x10A / IP68
WIR.507	4 pole 500cm extension cable 1x6,6A+3x2,5A / IP68	**WIR.527**	4 pole 500cm extension cable 1x30A+3x10A / IP68
WIR.512	5 pole 100cm extension cable 1x6,6A+4x2A / IP68	**WIR.532**	5 pole 100cm extension cable 1x30A+4x8A / IP68
WIR.513	5 pole 200cm extension cable 1x6,6A+4x2A / IP68	**WIR.533**	5 pole 200cm extension cable 1x30A+4x8A / IP68
WIR.514	5 pole 300cm extension cable 1x6,6A+4x2A / IP68	**WIR.534**	5 pole 300cm extension cable 1x30A+4x8A / IP68
WIR.515	5 pole 500cm extension cable 1x6,6A+4x2A / IP68	**WIR.535**	5 pole 500cm extension cable 1x30A+4x8A / IP68
WIR.508	7 pole 100cm extension cable 7x5A / IP68	**WIR.528**	7 pole 100cm extension cable 7x13A / IP68
WIR.509	7 pole 200cm extension cable 7x5A / IP68	**WIR.529**	7 pole 200cm extension cable 7x13A / IP68
WIR.510	7 pole 300cm extension cable 7x5A / IP68	**WIR.530**	7 pole 300cm extension cable 7x13A / IP68
WIR.511	7 pole 500cm extension cable 7x5A / IP68	**WIR.531**	7 pole 500cm extension cable 7x13A / IP68

The above extension cables are used for junction boxes only. For all other lighting fixtures, extension cables are available on request.

Connectors for cables IP68

For cables with outer diameter: 5-8mm		For cables with outer diameter: 7-12mm	
Code	Description	Code	Description
CNC.006	2 pole male connector 13A per pole/ IP68	**CNC.026**	2 pole male connector 30A per pole/ IP68
CNC.007	2 pole female connector 13A per pole/ IP68	**CNC.027**	2 pole female connector 30A per pole/ IP68
CNC.008	In-line 2 pole male connector 13A per pole/ IP68	**CNC.028**	In-line 2 pole male connector 30A per pole/ IP68
CNC.009	In-line 2 pole female connector 13A per pole/ IP68	**CNC.029**	In-line 2 pole female connector 30A per pole/ IP68
CNC.010	4 pole male connector 5A per pole/ IP68	**CNC.030**	4 pole male connector 30A per pole/ IP68
CNC.011	4 pole female connector 5A per pole/ IP68	**CNC.031**	4 pole female connector 30A per pole/ IP68
CNC.012	In-line 4 pole male connector 5A per pole/ IP68	**CNC.032**	In-line 4 pole male connector 30A per pole/ IP68
CNC.013	In-line 4 pole female connector 5A per pole/ IP68	**CNC.033**	In-line 4 pole female connector 30A per pole/ IP68
CNC.052	5 pole male connector 5A per pole/ IP68	**CNC.081**	5 pole male connector 30A per pole/ IP68
CNC.079	5 pole female connector 5A per pole/ IP68	**CNC.082**	5 pole female connector 30A per pole/ IP68
CNC.080	In-line 5 pole male connector 5A per pole/ IP68	**CNC.083**	In-line 5 pole male connector 30A per pole/ IP68
CNC.053	In-line 5 pole female connector 5A per pole/ Ip68	**CNC.084**	In-line 5 pole female connector 30A per pole/ IP68
CNC.014	7 pole male connector 5A per pole/ IP68	**CNC.034**	7 pole male connector 15A per pole/ IP68
CNC.015	7 pole female connector 5A per pole/ IP68	**CNC.035**	7 pole female connector 15A per pole/ IP68
CNC.016	In-line 7 pole male connector 5A per pole/ IP68	**CNC.036**	In-line 7 pole male connector 15A per pole/ IP68
CNC.017	In-line 7 pole female connector 5A per pole/ IP68	**CNC.037**	In-line 7 pole female connector 15A per pole/ IP68

Chassis connectors IP68

Code	Description	Code	Description
CNC.000	Chassis 2 pole male 13A per pole / IP68	**CNC.020**	Chassis 2 pole male 30A per pole / IP68
CNC.001	Chassis 2 pole female 13A per pole / IP68	**CNC.021**	Chassis 2 pole female 30A per pole / IP68
CNC.002	Chassis 4 pole male 5A per pole / IP68	**CNC.022**	Chassis 4 pole male 30A per pole / IP68
CNC.003	Chassis 4 pole female 5A per pole / IP68	**CNC.023**	Chassis 4 pole female 30A per pole / IP68
CNC.075	Chassis 5 pole male 5A per pole / IP68	**CNC.077**	Chassis 5 pole male 30A per pole / IP68
CNC.076	Chassis 5 pole female 5A per pole / IP68	**CNC.078**	Chassis 5 pole female 30A per pole / IP68
CNC.004	Chassis 7 pole male 5A per pole / IP68	**CNC.024**	Chassis 7 pole male 15A per pole / IP68
CNC.005	Chassis 7 pole female 5A per pole / IP68	**CNC.025**	Chassis 7 pole female 15A per pole / IP68

T-Connect junction boxes IP68 (1 input + 2 outputs)

Code	Description	Code	Description
CNC.040	T-connect 2p Junction box, 13A, IP68	**CNC.045**	T-connect 2p Junction box, 30A, IP68
CNC.041	T-connect 4p Junction box, 5A, IP68	**CNC.046**	T-connect 4p Junction box, 30A, IP68
CNC.073	T-connect 5p Junction box, 5A, IP68	**CNC.074**	T-connect 5p Junction box, 30A, IP68
CNC.042	T-connect 7p Junction box, 5A, IP68	**CNC.047**	T-connect 7p Junction box, 15A, IP68

X-Connect junction boxes IP68 (1 input + 3 outputs)

Code	Description	Code	Description
CNC.048	X-connect 2p Junction box, 13A, IP68	**CNC.068**	X-connect 2p Junction box, 30A, IP68
CNC.064	X-connect 3p Junction box, 13A, IP68	**CNC.069**	X-connect 3p Junction box, 30A, IP68
CNC.065	X-connect 4p Junction box, 5A, IP68	**CNC.070**	X-connect 4p Junction box, 30A, IP68
CNC.066	X-connect 5p Junction box, 5A, IP68	**CNC.071**	X-connect 5p Junction box, 30A, IP68
CNC.067	X-connect 7p Junction box, 5A, IP68	**CNC.072**	X-connect 7p Junction box, 15A, IP68

T-Connect mini junction boxes IP65 on request

Description	Description
T-connect 2p Mini Junction box, 13A/4A, IP65	T-connect 2p Mini Junction box, 30A/4A, IP65
T-connect 3p Mini Junction box, 13A/4A, IP65	T-connect 3p Mini Junction box, 30A/4A, IP65
T-connect 4p Mini Junction box, 6.6A/4A, IP65	T-connect 4p Mini Junction box, 30A/4A, IP65
T-connect 5p Mini Junction box, 6.6A/4A, IP65	T-connect 5p Mini Junction box, 30A/4A, IP65

The above mini junction boxes are provided with female mini connector and 40cm cable.

IP68 CONNECTORS

H-Connect junction IP68 (1 input + 3 outputs)

Code	Description	Cable diameter
CNC.100	H-connect 4p Junction, 17.5A, IP68	7-12mm
CNC.106	H-connect 5p Junction, 16A, IP68	7-14mm
CNC.101	End cap with rubber holder for CNC.100	

CNC.100

CNC.106

CNC.101

Connectors for cables IP68

Code	Description	Cable diameter
CNC.102	4 pole connector 32A per pole/ IP68	7-12mm
CNC.103	4 pole connector 32A per pole/ IP68	7-13.5mm
CNC.104	4 pole connector 17.5A per pole/ IP68	7-13.5mm

CNC.102

CNC.103

CNC.104

IP68 MICRO CONNECTORS

2 pole connectors 10A per pole IP68

Code	Description	Cable diameter
CNC.107	2 pole connector female 10A per pole/ IP68	5.8-6.9mm
CNC.108	2 pole connector male 10A per pole/ IP68	5.8-6.9mm

CNC.107

CNC.108

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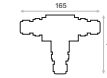
IP65 JUNCTION BOX

T-Connect junction box IP65 (1 input + 2 outputs)

Code	Description	Cable diameter
CNC.105	T-connect 4p Junction, 24A, IP65	8-17.5mm

CNC.105



IP68 CONNECTORS WITH SEALING GEL

Connectors for cables IP68

Code	Description	Cable diameter
GEL.001	2 pole connector 6A per pole/ IP68	4.8-6mm
GEL.002	2 pole connector 10A per pole/ IP68	5.5-10mm

GEL.001

GEL.002

H-Connect junction IP68 (1 input + 3 outputs)

Code	Description	Cable diameter
GEL.003	H-connect 3p Junction, 16A, IP68	6.5-12mm

GEL.003

Connectors for cables IP68

Code	Description	Cable diameter
GEL.004	T-connect 3p Junction, 16A, IP68	6.5-12mm (in/out) / 5.5-10mm (output)
GEL.005	T-connect 2p Junction, 6A, IP68	5.5-9mm
GEL.006	T-connect 5p Junction, 10A, IP68	6.5-12mm (in/out) / 5.5-10mm (output)

GEL.004

GEL.005

GEL.006

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EXTENSION CABLES & SPLITTERS

2 pole extension cables & splitters

- IP protection: IP20

Code	Description
WIR.130	Male+Female 2 pole extension cable 12-24V / 6A, 2x0.75mm², IP20, 100cm
WIR.131	Male+Female 2 pole extension cable 12-24V / 6A, 2x0.75mm², IP20, 200cm
WIR.132	Male+Female 2 pole extension cable 12-24V / 6A, 2x0.75mm², IP20, 500cm

Code	Description
WIR.134	Six way, 2 pole splitter for WIR.130-131-132 with 100cm cable 12-24V / 10A (max 5A/socket), IP20

Code	Description
WIR.135	Two way, 2 pole splitter for WIR.130-131-132, 12-24V / 10A (max 5A/socket), IP20

4 pole extension cables & splitters

- IP protection: IP20

Code	Description
WIR.136	Male+Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm², IP20, 100cm
WIR.137	Male+Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm², IP20, 200cm
WIR.138	Male+Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm², IP20, 500cm

Code	Description
WIR.139	Six way, 4 pole splitter for WIR.136-137-138 with 100cm cable 12-24V / 6A max

Code	Description
WIR.140	Mounting Kit for sockets WIR.130-131-132-136-137-138

5 pole extension cables IP67

- IP protection: IP67

Code	Description
WIR.141	Male+Female 5 pole extension cable 12-24V / 2A, 5x0.2mm², IP67, 100cm
WIR.142	Male+Female 5 pole extension cable 12-24V / 2A, 5x0.2mm², IP67, 200cm
WIR.143	Male+Female 5 pole extension cable 12-24V / 2A, 5x0.2mm², IP67, 500cm

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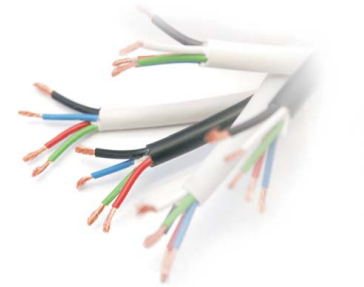
LED CABLES RGB & RGBW

- 4wire or 5wire LED supply cable, RGB or RGBW in the corresponding colors and common return with cross section of 1qmm in black colour, to simplify the installation and minimaze any mistakes.
- Twisted cores in layers and bending radius 8xO.D. static.



4 Wires LED PVC Cables

Code	Description	Cove Colours	Jacket Colour	Outer Diameter	Static Ambient Temperature	
WIR.110	PVC high flexibility cable 3x0,50mm² + 1x1mm²	Red / Green / Blue / Black	Black	5.1mm	-20°C to +70°C	
WIR.111	PVC high flexibility cable 3x0,50mm² + 1x1mm²	Red / Green / Blue / Black	White	5.1mm	-20°C to +70°C	
WIR.115	PVC flexible UV resistant cable 3x0,50mm² + 1x1mm² (suitable for outdoor use)	Red / Green / Blue / Black	Light Grey	5.1mm	-20°C to +70°C	

5 Wires LED PVC Cables

Code	Description	Cove Colours	Jacket Colour	Outer Diameter	Static Ambient Temperature	
WIR.112	PVC high flexibility cable 4x0,50mm² + 1x1mm²	Red / Green / Blue / White / Black	Black	5.9mm	-20°C to +70°C	
WIR.113	PVC high flexibility cable 4x0,50mm² + 1x1mm²	Red / Green / Blue / White / Black	White	5.9mm	-20°C to +70°C	
WIR.114	PVC flexible UV resistant cable 4x0,50mm² + 1x1mm² (suitable for outdoor use)	Red / Green / Blue / White / Black	Light Grey	5.9mm	-20°C to +70°C	

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- ✓ *Trailing edge dimmers*
- ✓ *Leading edge dimmers*
- ✓ *HF fluorescent controllers*
- ✓ *Relay switches*

Designed & Manufactured
by ELECTRON SA

PREMIUM 79 / 68 / 37 SERIES of multifunctional custom made power controllers NEW power units with Trailing Edge dimmers for:

- LED lamps dimmable with Trailing Edge dimmers
- CFLs and electronic transformers for Trailing Edge dimming
- Designed and manufactured by ELECTRON SA

PREMIUM 79 Series GO TRAILING!

Available versions:

- **Premium 79 with 24 channels x 6A per channel**
- **Premium 79 with 36 channels x 4A per channel**
- **Premium 79 with 48 channels x 3A per channel**

PREMIUM 68 Series GO TRAILING!

Available versions:

- **Premium 68 with 12 channels x 6A per channel**

PREMIUM 37 Series GO TRAILING!

Available versions:

- **Premium 37 with 12 channels x 3A per channel**
- **Premium 37 with 9 channels x 4A per channel**
- **Premium 37 with 6 channels x 6A per channel**

***Note:** You can have different power units that control different types of loads in the same Premium!*
Thus, one Premium can have Trailing edge dimmers, Leading edge dimmers, HF fluorescent controllers (1/10V) and relay switches, in the same enclosure!

ACTOR BASE TRAILING

Designed & Manufactured
by ELECTRON SA

NEW ACTOR BASE Trailing Edge dimmer

- Designed and manufactured by ELECTRON SA

ACTOR Series GO TRAILING!

Actor Base 610 is made with 6 channels 10A per channel and it can now dim:

- **LED lamps dimmable with Trailing Edge dimmers**
- **CFLs and electronic transformers for Trailing Edge dimming**

Model	Number of Channels	Channel Capacity (Watts at 230V)	Maximum Current per Channel	Supply Voltage	Dimensions (WxHxD)
ACTOR B610 Trailing Edge	6	2300	10A	400/230V~3/N/PE/ 50Hz	482x88x340mm

DMX
MERGER SPLITTER

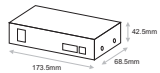
- Can be used for merging information from two separate DMX signals in one.

Code: **DEM.046**

Designed & Manufactured
by ELECTRON SA

Features – Technical specifications.

· Two DMX-512 inputs.
· Two optical isolated outputs.
· Optical isolation between two outputs.
· Four operating modes (HTP, LAST, BACKUP, MERGE).
· Dip switches for start address selection.
· Dip switch for DMX signal termination on each input.
· Connection up to 25 devices on each output port.
· Two XLR 5-pin male plugs for DMX input connection.
· Two XLR 5-pin female plugs for DMX output connection.
· Power supply: 230VAC 50/60Hz.
· Power consumption: 2W
· Ambient temperature: -20 / +50oC.



DMX REPEATER

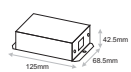
- Can be used for expansion or/and branching of DMX network.

Code: **DEM.045**

Designed & Manufactured
by ELECTRON SA

Features – Technical specifications.

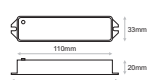
· DMX signal amplification.
· Input output optical isolation.
· Input signal termination capability.
· Connection up to 25 devices in output port.
· Capable of up to 5 Repeaters in series connection.
· Power supply: 230VAC 50/60Hz.
· Power consumption: 1,8 W
· Ambient temperature : -20 / +50oC.
· 0,5-2,5mm² screw terminals, for DMX input and output cable connection.
· Dimensions: L x W x H: 125mm x 68,5mm x 42,5mm.



DMX512 / RDM WiFi LED Controller

- DMX address set up through Wi-Fi.
- Test DMX fixtures and connections.
- User friendly mobile app.

Code	Power Supply	Output Signal	Operating System	Protocol
PCK.218	5-24VDC	DMX 512 / RDM	ANDROID or IOS	2.4GHz Wi-Fi



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CONSTANT VOLTAGE

CV

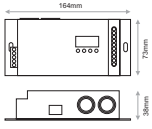
5ch DMX/RDM
Controller Constant Voltage

- DMX512/RDM constant voltage LED controller. Communication between DMX control desk and controller (RDM).
- Multiple DMX input/output ports, with RJ45, XLR 5pin and screw terminal.
- Five PWM output channels, common anode.
- PWM output resolution 8bit-16bit selectable.
- Output PWM frequency from 500Hz up to 30KHz selectable.
- Output dimming curve gamma value from 0,1~9,9 selectable.
- Decoding mode selectable soft patch.
- Digital display to show data. Easy to set and display the DMX address.

FLICKER FREE SUITABLE FOR TV STUDIOS

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Output Currents
DEM.185 /CA	DMX/RDM LED controller with 5 outputs 0...12V or 0...24V	12VDC or 24VDC	Depending on the supply voltage 0...12V or 0...24V	5 channels. Can be used as 3 or 4 channel driver	96W at 12V 192W at 24V	5 channels x 8A each channel

***Note:** CA=Common Anode



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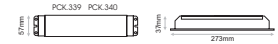
4ch DMX-512 / RDM DIMMABLE
LED Driver Constant Voltage

- Overvoltage, Short-circuit protection
- Overheating protection
- 4 Channels 24VDC constant voltage output.
- Logarithmic or Linear dimming
- Variable PWM frequency selection (500Hz..35kHz).

Code	Description	Supply Voltage	Output Voltage	Nr. of Channels	Total Power	Max Output Current	Control	IP
PCK.486	DMX LED Constant Voltage Controller with 4 outputs (RGBW) 0...24V	100-277VAC 50/60Hz	24VDC	4	75W	3.12A Can be freely divided between the channels	DMX 512 / RDM	IP20

4ch DMX-512 / RDM DIMMABLE
LED Driver Constant Voltage

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
PCK.339	200-240VAC 50/60Hz	1-12VDC	150W	12,5A (3A per channel common anode)	4 (RGBW)	1-100%	DMX 512 / RDM
PCK.340	200-240VAC 50/60Hz	1-24VDC	150W	6,25A (1,5A per channel common anode)	4 (RGBW)	1-100%	DMX 512 / RDM



4ch RGBW DMX
Controller Constant Voltage

- RGBW LED controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Output Channel Power	Total Power	Control
DEM.166 /CA	DMX LED Constant Voltage Controller with 4 outputs (RGBW) 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	4	4ch x 60W (12V) or 4ch x 120W (24V)	240W (12V) 480W (24V)	DMX 512

***Note:** CA=Common Anode

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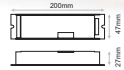
3ch DMX-DIMMABLE
Converters Constant Voltage

- Lighting solution that creates the result you need.
- For impressive lighting creations.
- Absolute control of the brightness level.
- DMX IN - OUT
- Absolute control through DMX-512.

Designed & Manufactured by ELECTRON SA



New technical features
- Stand alone mode with one of the four preset programs that are available, with selection of fade, rate and dimmer of the output intensity. All functions are selected from the DIP SWITCHES.
- Or selection of a stable colour from the palette of 64 colours, also from the DIP SWITCHES.

Code	Description	Supply Voltage	Output Voltage	Channel Power	Channel Power/Total Power	Power Consumption at full load
DEM.011/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....24VDC	24VDC	3x 0....24VDC	48W	144W	147W
DEM.016/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....-24VDC	24VDC	3x 0....-24VDC	48W	144W	147W
DEM.010/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....12VDC	12VDC	3x 0....12VDC	24W	72W	75W
DEM.020/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....-12VDC	12VDC	3x 0....-12VDC	24W	72W	75W
DEM.009/ CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....5VDC	5VDC	3x 0....5VDC	10W	30W	32W
DEM.021/ CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0....-5VDC	5VDC	3x 0....-5VDC	10W	30W	32W

***Note:** CC=Common Cathode CA=Common Anode
All Power Supplies are available in CC and CA upon request

3ch RGB DIMMABLE DMX
Controller Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.178 /CA	DMX LED CONTROLLER with 3 OUTPUTS 0...12V or 0...24V	12VDC or 24VDC	Depending on the supply voltage 0...12V or 0...24V	3	36W (12V) or 72W (24V)	100W at 12V or 210W at 24V	DMX	YES

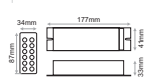
*CA = Common Anode

3ch RGB DIMMABLE DMX Controller
with IR Remote Control Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.120 /CA* **DEM.121** /CC*	DMX LED CONTROLLER WITH 3(RGB) OUTPUTS 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)	DMX or IR Remote Control	4 built in programs with speed control and a palete of 7 dimmable colours. All functions are controlled by the IR Remote Control

***Note:** CC=Common Cathode CA=Common Anode
All Power Supplies are available in CC and CA upon request



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1ch DIMMABLE
LED Driving Converters Constant Voltage

- Lighting solution that creates the result you need
- Absolute control of brightness level
- Absolute control through DMX-512 and 0-10V or 1-10V or any single push button or double push button (Up/Down).
- HTP AND LAST (ale retour) merging modes between analogue and digital input.
- 2040 step resolution.
- Ta = 0°C to 45°C

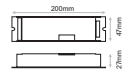
Designed & Manufactured by ELECTRON SA

SUITABLE FOR TV STUDIOS
PWM FREQUENCY 2000Hz

ONE CHANNEL DIMMABLE LED DRIVERS - DRIVING CONVERTERS, CONTROL BY DMX, 0/10V or 1/10V or PUSH BUTTONS

Code	Supply Voltage	Output Voltage PWM	Output Current	Output Power	Power Consumption	Control Input	Dimming Pole (DP)
DEM.026 (DP+*)	12-24VDC	0....12/24VDC	9A	108W at 12V or 216W at 24V	110W at 12V or 218W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP+
DEM.027 (DP−**)	12-24VDC	0....12/24VDC	9A	108W at 12V or 216W at 24V	110W at 12V or 218W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP−
DEM.028 (DP+*)	12-24VDC	0....12/24VDC	15A	180W at 12V or 360W at 24V	183W at 12V or 363W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP+
DEM.029 (DP−**)	12-24VDC	0....12/24VDC	15A	180W at 12V or 360W at 24V	183W at 12V or 363W at 24V	DMX512, 0-10V or 1-10V or by push-button(s)	DP−
DEM.212 (DP−**)	42-48VDC	0....42/48VDC	10A	420W at 42V or 480W at 48V	423W at 42V or 483W at 48V	DMX512, 0-10V or 1-10V or by push-button(s)	DP−

***DP+** =Dimming pole + Suitable for driving Common Cathode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters
****DP−** =Dimming pole − Suitable for driving Common Anode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters



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DMX to CONSTANT VOLTAGE

LED Drivers-Converters

PWM OUTPUT

1 Output Channel / 1-24VDC

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control	
PCK.528	200-240VAC 50/60Hz	1-24VDC	150W	6.25A	1	1-100%	DMX 512 / RDM and PUSH	
PCK.529	200-240VAC 50/60Hz	1-24VDC	75W	3.12A	1	1-100%	DMX 512 / RDM and PUSH	
PCK.330	200-240VAC 50/60Hz	1-24VDC	36W	1.50A	1	1-100%	DMX 512 / RDM and PUSH	

1 Output Channel / 1-12VDC

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control	
PCK.331	200-240VAC 50/60Hz	1-12VDC	150W	12.50A	1	1-100%	DMX 512 / RDM and PUSH	
PCK.332	200-240VAC 50/60Hz	1-12VDC	75W	6.25A	1	1-100%	DMX 512 / RDM and PUSH	
PCK.333	200-240VAC 50/60Hz	1-12VDC	36W	3A	1	1-100%	DMX 512 / RDM and PUSH	

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4ch (RGBW) LED Driving Booster

Constant Voltage

- Four channel LED driving Booster (repeater amplifier).
- Operating with PWM control.
- Possible to use in RGBW constant voltage LEDs.
- Common anode configuration.

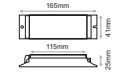
Code	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power
DEM.209	12-24VDC	Depending on the supply voltage 0...12VDC or 0...24VDC	4	60W(12V) or 120W(24V)	240W(12V) or 480W(24V)

3ch (RGB) Booster

Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power
DEM.124 /CA* **DEM.125** /CC*	12-24VDC	Depending on the supply voltage 0...12VDC or 0...24VDC	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)



***Note:** CC=Common Cathode CA=Common Anode

1ch LED Driving Boosters

Constant Voltage

- One channel LED driving Booster (repeater amplifier).
- LED Boosters of PWM signal of one LED controller.
- Possible to use in RGB constant voltage LEDs.

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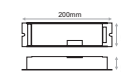
Code	Supply Voltage	Output Voltage PWM	Output Current	Output Power	Power Consumption	Control Input	Dimming Pole (DP)
DEM.022 (DP+*) **DEM.023** (DP−**)	5VDC	0....5VDC	9A	45W	47W	5-24V*** PWM SIGNAL	DEM.022 and DEM.024 = DP+ DEM.023 and DEM.025 = DP−
	12VDC	0....12VDC	9A	108W	110W		
	24VDC	0....24VDC	9A	216W	218W		
DEM.024 (DP+*) **DEM.025** (DP−**)	5VDC	0....5VDC	15A	75W	78W	5-24V*** PWM SIGNAL	DEM.022 and DEM.024 = DP+ DEM.023 and DEM.025 = DP−
	12VDC	0....12VDC	15A	180W	183W		
	24VDC	0....24VDC	15A	360W	363W		



***DP+** =Dimming pole + Suitable for driving Common Cathode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters
****DP−** =Dimming pole − Suitable for driving Common Anode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters
*****Input PWM.** The voltage of the PWM can be from 5V up to 24V and it is independent and isolated from the power supply voltage and output circuit

DMX/RDM , DALI-2 DT6/DT8 RGBW (High Frequency)

LED Dimmer Constant Voltage

- Support commands of DALI-2 DT6 & DT8.
- Support DMX/RDM.
- High output PWM frequency (3.6kHz).
- Low stand-by power consumption (<0.5W).
- Overload, Overvoltage, Overtemperature & short circuit protection.
- Waterproof grade: IP20

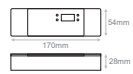
Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
PCK.481	220-240VAC 50/60Hz	24VDC	150W	4x1.56A	4 (RGBW)	0-100%	DMX/RDM, DALI-2 DT6/DT8

DALI DT8 RGBW (High Frequency)

LED Dimmer Constant Voltage

- DALI DT8 device to control RGBW output via a single DALI address.
- 4 Channels constant voltage output.
- Supports DT8device commands, compatible with DALI masters that support DT8 commans
- Variable PWM frequency selection (500Hz..30kHz).
- OLED display.
- 16 User defined scenes.
- Waterproof grade: IP20

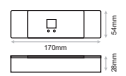
Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.196	12-36VDC	12-36VDC	4x(60-180)W	4x5A	4 (RGBW)	0-100%	DALI DT8



DALI DT8 DUAL Colour

LED Dimmer Constant Voltage

- DALI DT8 device to control Warm White and Cool White output via a single DALI address.
- 4 Channels constant voltage output.
- Enables Dimming and Color Temperature Adjustment.
- Color control as defined in the DALI specification for device type 8.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20



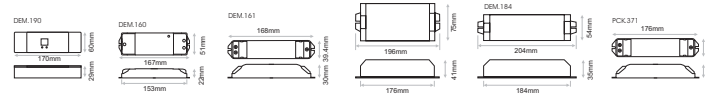
Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.186	12-36VDC	12-36VDC (depending on the input voltage)	4x(60-180)W	4x5A	4 (2 tunable white outputs)	0-100%	DALI DT8

DALI to CONSTANT VOLTAGE

Drivers - Converters

- Extended support for DALI protocol, IEC62386, IEC60929, the definition of DALI protocol.
- Automatic addressing and address extensions.
- Supports push dim operation.

Code	Supply Voltage	PWM Output Voltage	Output Channels	Channel Power	Address Setting	Push Dim	
DEM.190	12V-36VDC	Depending on the power supply 0...12VDC or 0...36VDC	4	4x(96-288)W	Auto	Supported	
DEM.160 /CA	12V-24VDC	Depending on the power supply 0...12VDC or 0...24VDC	3	3x(60-120)W	Auto	Supported	
DEM.161	12V-24VDC	Depending on the power supply 0...12VDC or 0...24VDC	1	60W (12V) or 120W (24V)	Auto	Supported	
DEM.165	100V-240VAC	0...12VDC	1	135W	Auto	Supported	
DEM.167	100V-240VAC	0...24VDC	1	150W	Auto	Supported	
DEM.184	175V-264VAC	0...24VDC	1	75W	Auto	Supported	
PCK.371	100V-240VAC	0...24VDC	1	36W	Auto	Supported	



DALI, 1-10V, Phase Cut

LED Dimmer Constant Voltage

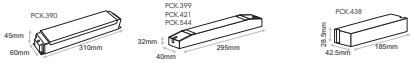
Code	Supply Voltage	PWM Output Voltage	Output Channels	Channel Power	Address Setting	Push Dim	
PCK.541	12V-48VDC	Depending on the power supply 0...12VDC or 0...48VDC	1	240W(12V) or 960W(48V)	Auto	Supported	

DALI, 0-10V, 1-10V to CONSTANT VOLTAGE

Drivers - Converters

- Extended support for DALI protocol, IEC62386, IEC60929, the definition of DALI protocol.
- Automatic addressing and address extensions.
- Supports push dim operation.

Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Dimming Control	Frequency	Address	Push Dim	
24VDC									
PCK.390	24VDC	8.3A	200W	220-240VAC	0-10V or 1-10V or DALI PWM or RESISTANCE	50/60Hz	Auto	Supported	
PCK.399	24VDC	6.25A	150W	220-240VAC	0-10V or 1-10V or PWM or DALI	50/60Hz	Auto	Supported	
PCK.421	24VDC	3.12A	75W	220-240VAC	0-10V or 1-10V or PWM or DALI	50/60Hz	Auto	Supported	
PCK.438	24VDC	1.67A	40W	220-240VAC	0-10V or 1-10V or PWM or DALI	50/60Hz	Auto	Supported	
12VDC									
PCK.544	12VDC	6.25A	75W	220-240VAC	0-10V or 1-10V or DALI	50/60Hz	Auto	Supported	



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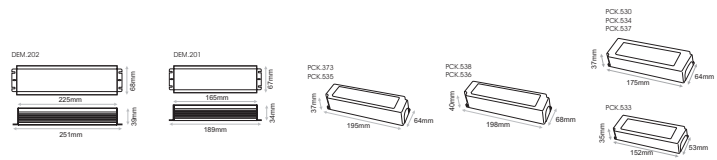
1 ch HIGH IP RATED DIMMABLE DALI

Power Supplies Constant Voltage

- Overcurrent, Short-circuit protection.
- Overheating protection.
- IP67

Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	Address Setting	IP	
48VDC									
PCK.538	48VDC	4.2A	200W	100-305VAC	50/60Hz	DALI-2	**Auto**	IP67	
PCK.537	48VDC	1.9A	90W	90-305VAC	50/60Hz	DALI-2	Auto	IP67	
24VDC									
DEM.202	24VDC	13.3A	320W	220-277VAC	50/60Hz	DALI	Auto	IP67	
PCK.536	24VDC	8.3A	200W	90-305VAC	50/60Hz	DALI-2	Auto	IP67	
DEM.201	24VDC	6.3A	150W	220-277VAC	50/60Hz	DALI	Auto	IP67	
PCK.373	24VDC	5A	120W	90-305VAC	50/60Hz	DALI	Auto	IP67	
PCK.535	24VDC	5A	120W	90-305VAC	50/60Hz	DALI-2	Auto	IP67	
PCK.534	24VDC	3.8A	90W	90-305VAC	50/60Hz	DALI-2	Auto	IP67	
PCK.533	24VDC	2.5A	60W	90-305VAC	50/60Hz	DALI-2	Auto	IP67	
12VDC									
PCK.530	12VDC	7.5A	90W	90-305VAC	50/60Hz	DALI-2	Auto	IP67	



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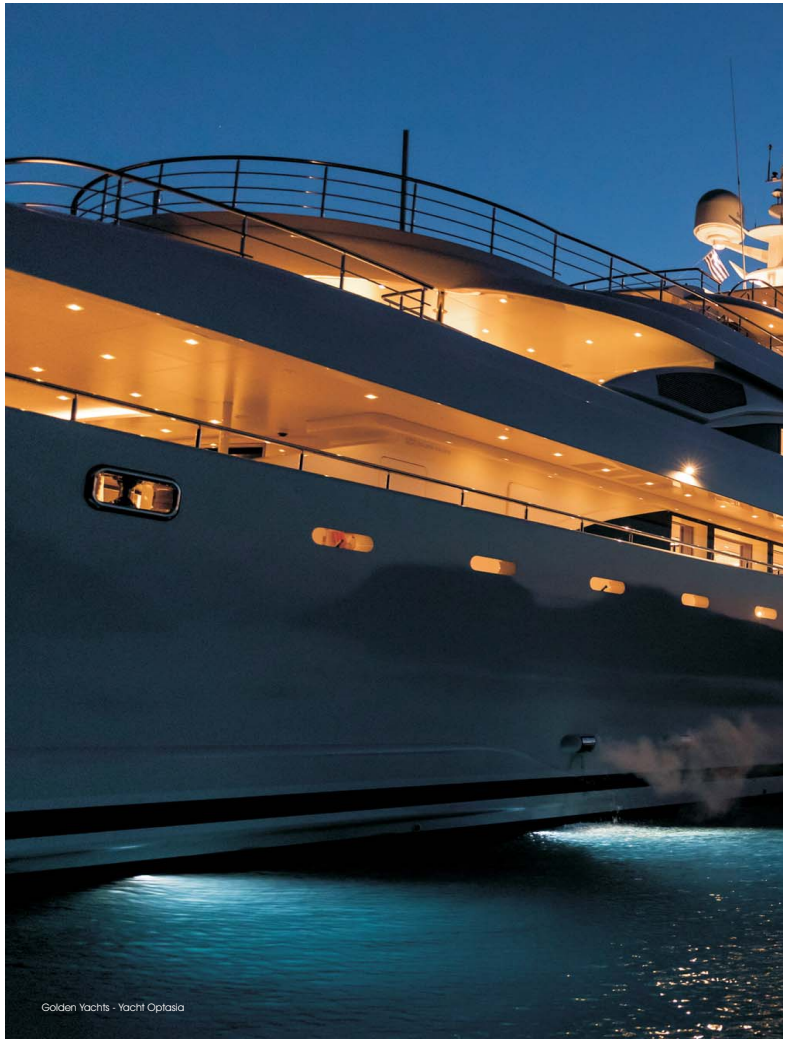

Golden Yachts - Yacht Optasia

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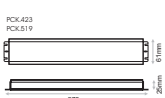
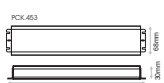
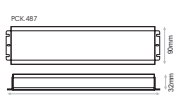
1 ch HIGH IP RATED ULTRA THIN
Power Supplies Constant Voltage

- Ultra thin design.
- Single channel. 24VDC output.
- Universal input Voltage. Range 100-240VAC.
- Supports Touch Dim operation.
- Waterproof IP67
- Protection: Overcurrent, Over-load, Short-circuit

Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	Address Setting	IP	
PCK.423	24VDC	6.3A	150W	100-240VAC	50/60Hz	DALI	Auto	IP67	
PCK.453	24VDC	10A	240W	100-240VAC	50/60Hz	DALI	Auto	IP67	
PCK.487	24VDC	13.3A	320W	100-240VAC	50/60Hz	DALI	Auto	IP67	
PCK.519	12VDC	6.25A	75W	100-240VAC	50/60Hz	DALI	Auto	IP67	







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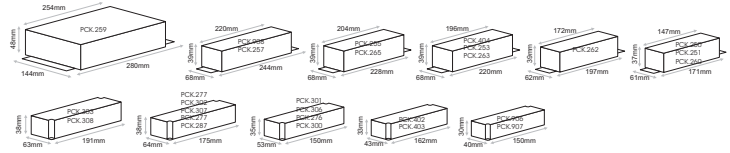
1ch HIGH IP RATED DIMMABLE 1-10V
Power Supplies Constant Voltage

- Full range Universal AC inputs.
- Built in PFC function.
- Built in 3 in one dimming function. 0-10VDC or 1-10VDC or PWM or Resistance.
- Protections: Short circuit - over current - over voltage - over temperature.
- IP67

Code	Model	Input Voltage Range	DC Voltage	Rated Current	Rated Power	Dimming Control	Frequency Range	IP
42VDC								
PCK.402	PLF-40D-42	100-240VAC	42VDC	0.95A	40W	1-10VDC or 10V PWM or Resistance	47-63HZ	IP67
PCK.403	PLF-60D-42	100-240VAC	42VDC	1.4A	60W		47-63HZ	IP67
PCK.404	HLG-120H-42B	100-240VAC	42VDC	2.9A	120W		47-63HZ	IP67
24VDC								
PCK.906	LPF-16D-24	90-305VAC	24VDC	0.67A	16W		47-63HZ	IP30
PCK.907	LPF-25D-24	90-305VAC	24VDC	1A	24W		47-63HZ	IP67
PCK.250	HLG-40H-24B	90-305VAC	24VDC	1.6A	40W		47-63HZ	IP67
PCK.251	HLG-60H-24B	90-305VAC	24VDC	2.5A	60W		47-63HZ	IP67
PCK.276	NPF-60D-24	90-305VAC	24VDC	2.5A	60W	1-10VDC or 10V PWM or Resistance	47-63HZ	IP67
PCK.277	NPF-90D-24	90-305VAC	24VDC	3.75A	90W		47-63HZ	IP67
PCK.253	HLG-100H-24B	90-305VAC	24VDC	4A	96W		47-63HZ	IP67
PCK.255	HLG-150H-24B	90-305VAC	24VDC	6.3A	150W		47-63HZ	IP67
PCK.908	ELG-200-24B-3Y	100-305VAC	24VDC	8.3A	200W		47-63HZ	IP67
PCK.257	HLG-240H-24B	90-305VAC	24VDC	10A	240W		47-63HZ	IP67
PCK.259	HLG-600H-24B	90-305VAC	24VDC	25A	600W		47-63HZ	IP67
PCK.300	PWM-40-24	90-305VAC	24VDC	1.67A	40W	0-10VDC or PWM or Resistance	47-63HZ	IP67
PCK.301	PWM-60-24	90-305VAC	24VDC	2.5A	60W		47-63HZ	IP67
PCK.302	PWM-90-24	90-305VAC	24VDC	3.75A	90W		47-63HZ	IP67
PCK.303	PWM-120-24	90-305VAC	24VDC	5A	120W		47-63HZ	IP67
12VDC								
PCK.260	HLG-40H-12B	90-305VAC	12VDC	3.33A	40W	1-10VDC or 10V PWM or Resistance	47-63HZ	IP67
PCK.262	HLG-80H-12B	90-305VAC	12VDC	5A	60W		47-63HZ	IP67
PCK.287	NPF-90D-12	90-305VAC	12VDC	7.5A	90W		47-63HZ	IP67
PCK.263	HLG-120H-12B	90-305VAC	12VDC	10A	120W		47-63HZ	IP67
PCK.265	HLG-150H-12B	90-305VAC	12VDC	12.5A	150W		47-63HZ	IP67
PCK.306	PWM-60-12	90-305VAC	12VDC	5A	60W	0-10VDC or PWM or resistance	47-63HZ	IP67
PCK.307	PWM-90-12	90-305VAC	12VDC	7.5A	90W		47-63HZ	IP67
PCK.308	PWM-120-12	90-305VAC	12VDC	10A	120W		47-63HZ	IP67



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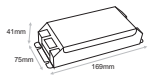
1ch DIMMABLE 1-10V
Power Supplies Constant Voltage

- High efficiency.
- Flicker free.
- Protection: Short-circuit - over current - over voltage.

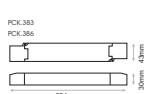
Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency	Dimming Control
PCK.389	24VDC	6.25A	150W	100-240VAC	50/60Hz	1-10V



1ch DIMMABLE 1-10V & PUSH SWITCH
Power Supplies Constant Voltage

- Flicker free
- Dimming range 0.1%-100%
- Suitable for TV studios
- Built in 4 in one dimming function. 0-10VDC or 1-10VDC or PWM.
- Overload, Short-circuit protection
- Overheating protection

Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	IP
PCK.382	24VDC	1.5A	36W	100-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20
PCK.383	24VDC	3.12A	75W	200-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20
PCK.386	24VDC	4.17A	100W	220-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20



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1ch PHASE CUT LEADING or TRAILING EDGE
DIMMABLE LED Drivers Constant Voltage

PWM OUTPUT

- Supports Push Dim operation.

1-24VDC

Model	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Dimming Range	Control
PCK.505	200-240VAC 50/60Hz	1-24VDC	150W	6.25A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PCK.520	200-240VAC 50/60Hz	1-24VDC	75W	3.12A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PCK.521	200-240VAC 50/60Hz	1-24VDC	36W	1.50A	1-100%	Dimming with Trailing or Leading Edge Dimmer

1-12VDC

Model	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Dimming Range	Control
PCK.349	200-240VAC 50/60Hz	1-12VDC	150W	12.50A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PCK.350	200-240VAC 50/60Hz	1-12VDC	75W	6.25A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PCK.351	200-240VAC 50/60Hz	1-12VDC	36W	3A	1-100%	Dimming with Trailing or Leading Edge Dimmer

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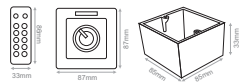
1ch LED Dimmer-Drivers
Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code	Supply Voltage	Output Voltage	Nr. of Channels	Output Power	Dimming Control
DEM.152	12-24VDC	0...12V or 0...24V	1	1 channel 80W at 12V 1 channel 160W at 24V	with Potentiometer

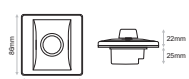


Code	Supply Voltage	Output Voltage	Nr. of Channels	Output Power	Dimming Control
DEM.109	12-24VDC	0...12V or 0...24V	1	1 channel 72W at 12V or 1 channel 144W at 24V	with Potentiometer

1ch DIMMABLE 1-10V
Control Potentiometer
Constant Voltage

Code	Description
PCK.206	1/10V control potentiometer

Code	Description
CDS.019	1/10V control panel



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6 zones RGB / RGBW
Control with RF Remote Control
Constant Voltage

- 6 programmable memories (chasers or static colours) per zone.
- Manual setup between RGB or RGBW mode.
- 10 built in colour changing modes with speed adjustable option.
- Master/Slave mode optionally selectable.

RF 6 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.170	AAA 1.5V (3pieces)	1-6 zones	434MHz / 868MHz

RF RECEIVER

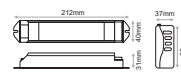
Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power
DEM.171 /CA	RGB / RGBW, 1 zone, 2 outputs	12-24VDC	Depending on the supply voltage 0...12V 0...24V	1 zone, 3x5A RGB or 4x5A RGBW	3x60W / 12VDC - RGB Total 180W/12VDC 4x60W / 12VDC - RGBW Total 240W-12VDC 3x120W / 24VDC - RGB Total 360W-24VDC 4x120W / 24VDC - RGBW Total 480W-24VDC

***Note:** CA=Common Anode

3ch RGB DIMMABLE with RF Remote Control
Controller Constant Voltage

- Dimmable constant voltage LED drivers / controllers.
- Selectable RF frequency.

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.122 /CA **DEM.123** /CC	RGB STAND ALONE LED CONTROLLER	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)	With built in buttons or RF Remote Control	4 built in programs with speed control, dimmer and pause. All functions are controlled by the built in buttons or the RF Remote Control



***Note:** CC=Common Cathode
CA=Common Anode
All Power Supplies are available in CC and CA upon request

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5 zones Monochromatic Control with RF Remote Control

Constant Voltage

- Individual control of up to 5 different zones.
- Standard push button can be connected to each zone independently.
- User friendly and easy setup.
- Control range 20m.

RF RECEIVER

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Control
DEM.174 /CA	Monochromatic, 1 zone, 4 outputs LED controller	12-24VDC	Depending on the supply voltage 0...12V 0...24V	1 zone, 4x5 Amps	4x60W / 12V Total 240W/12V 4x120W / 24V Total 480W-24V	RF wireless control through DEM.172 and single push button

***Note:** CA=Common Anode

RF 5 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.172	CR2025 3V	1-5 zones	434MHz / 868MHz

RF TRANSMITTER

Suitable to control DEM.174

Code	Battery Type	Operation Frequency
DEM.175	CR2025 3V	434MHz / 868MHz

1ch with RF Remote Control

Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code	Supply Voltage	Output Voltage	Output Power (one channel)	Dimming Controll	
DEM.106	12-24VDC	0...12V 0...24V	48W 96W	with RF Remote Control	Selectable RF frequency
DEM.108	5VDC	0...5V	25W	with RF Remote Control	Selectable RF frequency

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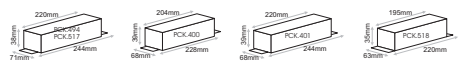
1ch HIGH IP RATED

LED Power Supplies Constant Voltage

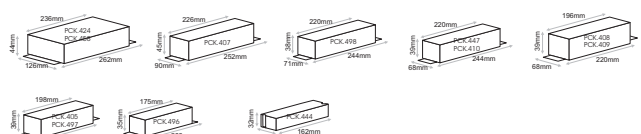
- Power Supplies with fully isolated case
- IP64, IP65, IP67.
- Full range Universal AC inputs
- Cooling by free air convection
- Protections: Short circuit - overload - over voltage

Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
48VDC							
PCK.400	HLG-150H-48	100-240VAC	50/60HZ	48VDC	3.1A	150W	IP67
PCK.401	HLG-240H-48A	100-240VAC	50/60HZ	48VDC	5A	240W	IP65
PCK.518	ELG-150-48-3Y	100-240VAC	50/60HZ	48VDC	3.1A	150W	IP67
PCK.494	ELG-200-48-3Y	100-240VAC	50/60HZ	48VDC	4.2A	200W	IP67
PCK.517	ELG-240-48-3Y	100-240VAC	50/60HZ	48VDC	5A	240W	IP67
42VDC							
PCK.408	HLG-100H-42A	100-240VAC	50/60HZ	42VDC	2.4A	100W	IP65
PCK.409	HLG-150H-42A	200-240VAC	50/60HZ	42VDC	3.6A	150W	IP65
PCK.405	HLG-185H-42A	100-240VAC	50/60HZ	42VDC	4.4A	185W	IP65
PCK.410	HLG-240H-42A	100-240VAC	50/60HZ	42VDC	5.7A	240W	IP65
PCK.447	HLG-240H-42B	100-240VAC	50/60HZ	42VDC	5.7A	240W	IP67
PCK.424	HLG-480H-42A	100-240VAC	50/60HZ	42VDC	11.4A	480W	IP65
PCK.444	LPF-40-42	100-240VAC	50/60HZ	42VDC	0.95A	40W	IP67
PCK.496	ELG-100-42-3Y	100-240VAC	50/60HZ	42VDC	2.4A	100W	IP67
PCK.497	ELG-150-42-3Y	100-240VAC	50/60HZ	42VDC	3.6A	150W	IP67
PCK.498	ELG-240-42-3Y	100-240VAC	50/60HZ	42VDC	5.7A	240W	IP67
PCK.407	HLG-320H-42A	100-240VAC	50/60HZ	42VDC	7.6A	320W	IP65
PCK.458	HLG-480H-42	100-240VAC	50/60HZ	42VDC	11.4A	480W	IP67

48VDC



42VDC



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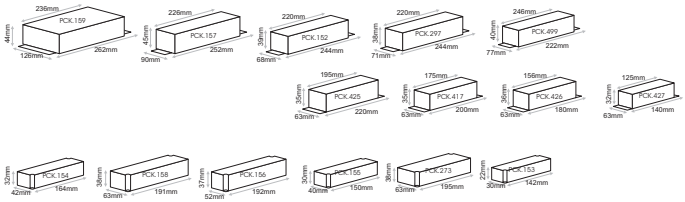
Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
24VDC							
PCK.153	LPH-18-24	200-240VAC	50/60HZ	24VDC	0.75A	18W	IP67
PCK.273	NPF-120-24	100-240VAC	50/60HZ	24VDC	5A	120W	IP67
PCK.190	LPV-20-24	100-240VAC	50/60HZ	24VDC	0.83A	20W	IP67
PCK.155	LPV-35-24	100-240VAC	50/60HZ	24VDC	1.5A	36W	IP67
PCK.154	LPV-60-24	100-240VAC	50/60HZ	24VDC	2.5A	60W	IP67
PCK.156	LPV-100-24	100-240VAC	50/60HZ	24VDC	4.2A	100W	IP67
PCK.158	LPV-150-24	180-305VAC	50/60HZ	24VDC	6.3A	150W	IP67
PCK.152	HLG-240-24A	100-240VAC	50/60HZ	24VDC	10A	240W	IP65
PCK.157	HLG-320H-24A	100-240VAC	50/60HZ	24VDC	13.34A	320W	IP65
PCK.159	HLG-480H-24	100-240VAC	50/60HZ	24VDC	20A	480W	IP67
PCK.425	ELG-150-24-3Y	100-240VAC	50/60HZ	24VDC	6.25A	150W	IP67
PCK.297	ELG-240-24-3Y	100-240VAC	50/60HZ	24VDC	10A	240W	IP67
PCK.427	XLG-75-24-A	100-240VAC	50/60HZ	24VDC	3.1A	75W	IP67
PCK.426	XLG-150-24-A	100-240VAC	50/60HZ	24VDC	6.25A	150W	IP67
PCK.417	XLG-200-24	100-240VAC	50/60HZ	24VDC	8.3A	200W	IP67
PCK.499	XLG-320-V-A	100-240VAC	50/60HZ	24VDC	13.3A	320W	IP67

24VDC



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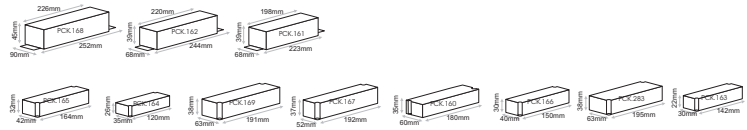
Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
12VDC							
PCK.163	LPH-18-12	200-240VAC	50/60HZ	12VDC	1.5A	18W	IP67
PCK.160	ELN-60-12	100-240VAC	50/60HZ	12VDC	5A	60W	IP64
PCK.283	NPF-120-12	100-240VAC	50/60HZ	12VDC	10A	120W	IP67
PCK.161	CLG-150-12A	100-240VAC	50/60HZ	12VDC	11A	130W	IP65
PCK.164	LPV-20-12	100-240VAC	50/60HZ	12VDC	1.67A	20W	IP67
PCK.166	LPV-35-12	100-240VAC	50/60HZ	12VDC	3A	36W	IP67
PCK.165	LPV-60-12	100-240VAC	50/60HZ	12VDC	5A	60W	IP67
PCK.167	LPV-100-12	100-240VAC	50/60HZ	12VDC	8.5A	100W	IP67
PCK.169	LPV-150-12	180-305VAC	50/60HZ	12VDC	10A	120W	IP67
PCK.162	HLG-240-12A	100-240VAC	50/60HZ	12VDC	16A	192W	IP65
PCK.168	HLG-320H-12A	100-240VAC	50/60HZ	12VDC	22A	264W	IP65
5VDC							
PCK.170	ELN-30-5	100-240VAC	50/60HZ	5VDC	5A	25W	IP64
PCK.174	LPV-20-5	100-240VAC	50/60HZ	5VDC	3A	15W	IP67
PCK.364	LPV-35-5	100-240VAC	50/60HZ	5VDC	5A	25W	IP67
PCK.207	LPV-60-5	100-240VAC	50/60HZ	5VDC	8A	40W	IP67
PCK.171	LPV-100-5	100-240VAC	50/60HZ	5VDC	12A	60W	IP67

12VDC



5VDC

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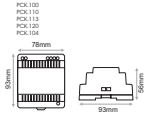
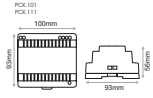
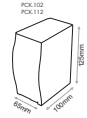
1ch DIN RAIL
LED Power Supplies Constant Voltage

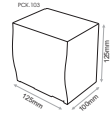
- DIN RAIL Power Supplies
- High quality power supplies for installation in electric boards (DIN rail TS35/7,5 or 15)
- Cooling by free air convection
- Led indicator for power on
- Protections: Short circuit - overload - over voltage

Code	Model	DC Voltage	Rated Current	Rated Power	Input Voltage Range	Frequency Range
24VDC						
PCK.104	DR-30-24	24VDC	1.5A	36W	100-240VAC	50/60HZ
PCK.100	DR-60-24	24VDC	2.5A	60W	88-264VAC	50/60HZ
PCK.101	DR-100-24	24VDC	4.2A	100W	88-264VAC	50/60HZ
PCK.102	DR-120-24	24VDC	5A	120W	100-240VAC	50/60HZ
PCK.103	DRP-240-24	24VDC	10A	240W	100-240VAC	50/60HZ
12VDC						
PCK.113	DR-30-12	12VDC	2A	24W	100-240VAC	50/60HZ
PCK.110	DR-60-12	12VDC	4.5A	54W	88-264VAC	50/60HZ
PCK.111	DR-100-12	12VDC	7.5A	90W	88-264VAC	50/60HZ
PCK.112	DR-120-12	12VDC	10A	120W	100-240VAC	50/60HZ
5VDC						
PCK.120	DR-60-5	5VDC	6.5A	32W	88-264VAC	50/60HZ









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ELECTRON

CONSTANT CURRENT

CC

Single Channel DC to DC Converters

PWM Dimmable LED Driving Converters
Constant Current

- Converts PWM power supply to constant current.
- Low power consumption / High efficiency.
- PWM frequency from 100Hz to 2kHz.
- Dimming output from 0% to 100%.
- 48VDC or 24VDC power supply.
- Low inrush & surge current.
- Reverse polarity and fuse protection.
- Compact design. Suitable for small cutting holes.
- ta = -20°C..+50°C
- IP66

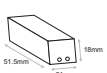
Designed & Manufactured
by ELECTRON SA

48VDC PWM Dimmable

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Efficiency	Control Input
DEM.233	48VDC	6V-42VDC	150mA	1	0,9-6,3W	>90%	PWM Dimmable. (100Hz - 2000Hz)
DEM.234			200mA		1,2-8,4W		
DEM.235			250mA		1,5-10,5W		
DEM.236			300mA		1,8-12,6W		
DEM.237			350mA		2,1-14,7W		
DEM.238			500mA		3,0-21,0W		
DEM.239			600mA		3,6-25,2W		
DEM.240			700mA		4,2-29,4W		
DEM.269		10V-42VDC	800mA		8-33,6W		
DEM.270			900mA		9-37,8W		
DEM.271			1050mA		10,5-44,1W		

24VDC PWM Dimmable

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Efficiency	Control Input
DEM.241	24VDC	3V-20VDC	150mA	1	0,45-3,0W	>90%	PWM Dimmable. (100Hz - 2000Hz)
DEM.242			200mA		0,6-4,0W		
DEM.243			250mA		0,75-5,0W		
DEM.244			300mA		0,9-6,0W		
DEM.245			350mA		1,05-7,0W		
DEM.246			500mA		1,5-10,0W		
DEM.247			600mA		1,8-12,0W		
DEM.248			700mA		2,1-14,0W		



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4ch DMX/RDM to CONSTANT CURRENT

LED Driver Converter

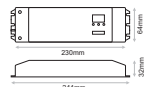
- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Variable PWM frequency selection (500Hz or 1kHz or 2kHz).
- 8bit or 16bit PWM resolution.
- Logarithmic or linear dimming curve.
- Common anode configuration.
- Overload, Short-circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.500	220-240VAC 50/60Hz	250-1500mA*	8-43VDC*	11-75W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W/CH Max*	V out DC	I out DC	ta °C	tc °C	η max. Efficiency*
11	8-43	250 mA cost.	-25...+45	80	0.87
13	8-43	300 mA cost.			
15	8-43	350 mA cost.			
17	8-43	400 mA cost.			
19	8-43	450 mA cost.			
22	8-43	500 mA cost.			
26	8-43	600 mA cost.			
30	8-43	700 mA cost.			
34	8-43	800 mA cost.			
39	8-43	900 mA cost.			
43	8-43	1000 mA cost.			
47	8-43	1100 mA cost.			
52	8-43	1200 mA cost.			
56	8-43	1300 mA cost.			
60	8-43	1400 mA cost.			
64	8-43	1500 mA cost.			

* Max 64W/CH , CH1 + CH2 + CH3 + CH4 <=75W.
**Referred to Vin = 230 V, 100% load.



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2ch DXM512/RDM to CONSTANT CURRENT NFC PROGRAMMABLE LED Driver Converter

Constant Current

(Amplitude dimming)

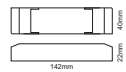
- NFC Programmable.
- Hybrid dimming (AM+PWM) starts from 0.01%.
- Dimming curve, Fade time & power-on selection.
- Current selectable output with 1mA step.
- Common anode configuration.
- Overload, Short circuit & Overtemperature protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.545	100-240VAC 50/60Hz	350-1050mA*	9-42VDC*	14.7-39.9W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W/CH Max	V out DC	I out DC	ta °C	tc °C	η max. Efficiency*
14.7	9-42	350 mA const.	-25...+45	90	0.88
21	9-42	500 mA const.			
29.4	9-42	700 mA const.			
37.8	9-42	900 mA const.			
39.9	9-38	1050 mA const.			

*Referred to Vin = 230 V, 100% load.



4ch DMX512/RDM DECODER

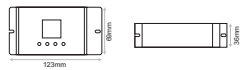
Constant Current

(Amplitude dimming)

- Amplitude dimming
- DMX512/RDM constant current decoder.
- 4 output channels, output current programmable from 200mA up to 1600mA per channel in steps of 50mA
- Protection: Short-circuit protect, Over current protect, Over temp protect.

Code	Description	Input Voltage	Output Voltage	Output Current	Output Power*	Operating Temperature
DEM.208	DMX510/RDM Decoder Constant Current	12-50VDC	1-42VDC	200 to 1600mA per channel (steps of 50mA)	67W/CH max.240W	-20 -50 °C

* Please refer to the matrix in the manual



DMX TUNABLE WHITE Single output (2 channels)

LED Drivers Constant Current

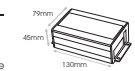
Tunable White Single output (2 channels) Common Cathode

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured by ELECTRON SA

Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.047 /CC	220-240VAC 50/60Hz	2x850mA	18-41VDC	15.3W-34.85W	DMX-512

*CC= Common Cathode



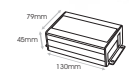
2ch DMX to CONSTANT CURRENT

LED Drivers-Converters

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured by ELECTRON SA

Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.054	220-240VAC 50/60Hz	2x350mA	5-42VDC	4W-29W	DMX-512



DMX RGBW

LED Drivers Constant Current

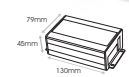
RGBW Common Cathode

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured by ELECTRON SA

Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.049 /CC	220-240VAC 50/60Hz	4x500mA	10-19VDC	20W-38W	DMX-512

*CC= Common Cathode

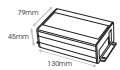


1ch DMX to CONSTANT CURRENT
LED Drivers-Converters

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Code	Supply Voltage	Output Current	Output Voltage	Output Power	Dimming
350mA					
DEM.053	220-240VAC 50/60Hz	350mA	5-42VDC	2W-15W	DMX-512
500mA					
DEM.052	220-240VAC 50/60Hz	500mA	25-39VDC	12W-20W	DMX-512
700mA					
DEM.051	220-240VAC 50/60Hz	700mA	25-39VDC	17W-27W	DMX-512
900mA					
DEM.050	220-240VAC 50/60Hz	900mA	25-39VDC	23W-35W	DMX-512

Designed & Manufactured by ELECTRON SA



1ch DMX/RDM to CONSTANT CURRENT
LED Drivers-Converters

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Overload protection.
- Suitable for TV studios.

Code	Supply Voltage	Output Current	Output Voltage	Output Power	Dimming
DEM.056	220-240VAC 50/60Hz	700-1400mA*	10-42VDC*	7W-45W	DMX-512/RDM

*Please refer to the matrix below.

P out W	V out DC	I out DC
29.4W	10-42V	700mA
31.5W	10-42V	750mA
33.6W	10-42V	800mA
35.7W	10-42V	850mA
37.8W	10-42V	900mA
44.1W	10-42V	1050mA
45.0W	10-37.5V	1200mA
45.1W	10-32.2V	1400mA

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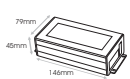

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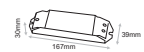
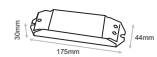
1ch DMX to CONSTANT CURRENT
LED Drivers-Converters

Code	Supply Voltage	Output Channels	Constant Current	Output Power	Output Voltage	Control
PCK.337	220-240VAC 50/60Hz	1	150mA - 1.5-8.1W - 10-54VDC 250mA - 2.5-13.5W - 10-54VDC 300mA - 3-16.2W - 10-54VDC 350mA - 3.5-18.9W - 10-54VDC 500mA - 5-25W - 10-50VDC 600mA - 6-25.2W - 10-42VDC 700mA - 7-25.2W - 10-36VDC 900mA - 9-25.2W - 10-28VDC			DMX 512 / RDM and PUSH
PCK.338	220-240VAC 50/60Hz	1	100mA - 1-5.4W - 10-54VDC 180mA - 1.8-9.72W - 10-54VDC 300mA - 3-15W - 10-50VDC 350mA - 3.5-15.05W - 10-43VDC 450mA - 4.5-15.3W - 10-34VDC 500mA - 5-15W - 10-30VDC 600mA - 6-15W - 10-25VDC 700mA - 7-15.4W - 10-22VDC			DMX 512 / RDM and PUSH
PCK.336	220-240VAC 50/60Hz	1	100mA - 1-4.5W - 10-45VDC 150mA - 1.5-6.8W - 10-45VDC 200mA - 2-9W - 10-45VDC 250mA - 2.5-10W - 10-40VDC 300mA - 3-9.9W - 10-33VDC 350mA - 3.5-9.8W - 10-28VDC 400mA - 4-10W - 10-25VDC			DMX 512 / RDM

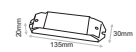
PCK.337



PCK.338



PCK.336



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1ch DMX / 1-10V / PUSH

DIMMABLE LED Driving Converters
Constant Current

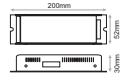
- Converters of digital DMX signal and analogue or PWM signal to constant current.
- For Constant Current LEDs.
- 2040 steps.
- Absolute control through DMX-512 and 0-10V or 1-10V or any Up-Down push button.
- Possible to use in RGB LEDs.
- For 350mA, 500mA, 700mA.

2.040 STEPS
350-500-700-1050mA

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Channel Power	Power consumption at full load	Control Input
ONE CHANNEL DIMMABLE LED DRIVING CONVERTERS, CONTROL BY DMX-512, 0/10V or 1/10V or PUSH BUTTONS							
DEM.030	24VDC	2,9V-21,4VDC	350mA	1	1-7,5W	8,3W	0-10V or 1-10V or with single push button or with two push buttons (Up-Down).
DEM.031	24VDC	5,7V-65,7VDC	350mA	1	2-23W	28,5W	
DEM.032	24VDC	3,2V-22VDC	500mA	1	1,6-11W	12,10W	
DEM.033	24VDC	10V-66VDC	500mA	1	5-33W	41,5W	
DEM.034	24VDC	4,3V-21,4VDC	700mA	1	3-15W	16,50W	
DEM.035	24VDC	10V-60VDC	700mA	1	7-42W	52,5W	
DEM.043	24VDC	7,6V-20VDC	1050mA	1	8-21W	23W	
DEM.044	24VDC	19V-44,8VDC	1050mA	1	20-47W	57W	

*Many single and double (up/down) buttons can be connected in parallel.



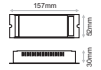
1ch LED Boosters

Constant Current

- LED Boosters of PWM signal of the LED controller.
- For constant current LEDs.
- For 350mA, 500mA, 700mA.
- One Channel LED driving Booster (repeater/amplifier).
- Possible to use in RGB constant current LEDs.

Designed & Manufactured
by ELECTRON SA

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Power Consumption
DEM.036	24VDC	2,9V-21,4VDC	350mA	1	1-7,5W	8,3W
DEM.037	24VDC	5,7V-65,7VDC	350mA	1	2-23W	28,5W
DEM.038	24VDC	3,2V-22VDC	500mA	1	1,6-11W	12,10W
DEM.039	24VDC	10V-66VDC	500mA	1	5-33W	41,5W
DEM.040	24VDC	4,3V-21,4VDC	700mA	1	3-15W	16,50W
DEM.041	24VDC	10V-60VDC	700mA	1	7-42W	52,5W



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1ch DMX WARM DIMMING

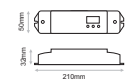
LED Driver Constant Current

(Amplitude dimming)

- Amplitude dimming
- Overload, Short-circuit protection
- Overheating protection

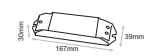
Code	P out W	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.372	46	220-240VAC	900mA	8-52VDC	7-46W	≤ 3%*	IP20	DMX512

*Referred to V_{in} = 230 V, 100% load



- Amplitude dimming
- Overload, Short-circuit protection
- Overheating protection

Code	Supply Voltage	Output Channels	Constant Current	Output Power	Output Voltage	Control
PCK.429	220-240VAC 50/60Hz	1	200mA 350mA 500mA 600mA 700mA 900mA 1050mA 1200mA	2-10.8W 3.5-18.9W 5-27W 6-32.4W 7-36.4W 9-36W 10.5-36.8W 12-36W	10-54VDC 10-54VDC 10-54VDC 10-54VDC 10-52VDC 10-40VDC 10-35VDC 10-30VDC	DMX 512 / RDM and PUSH



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DALI DT8 4ch TUNABLE WHITE

LED Dimmer Constant Current

Tunable White

- DALI DT8 device to control warm white and cool white outputs via a single DALI address.
- 4 Channels constant current output.
- Enables Dimming and Color Temperature Adjustment.
- Color control as defined in the DALI specification for device type 8, Color type Tc.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20

Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.188	12-36VDC	12-36VDC (depending on the input voltage)	4x(8.4-25.2)W	4x700mA	4	0-100%	DALI DT8

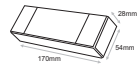
DALI DT8 4ch RGBW

LED Dimmer Constant Current

RGBW

- DALI DT8 device to control RGBW outputs via a single DALI address.
- 4 Channels constant current output.
- Enables Dimming and Color Adjustment.
- Color control as defined in the DALI specification for device type 8, color type RGBW.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20

Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
DEM.189	12-36VDC	12-36VDC (depending on the input voltage)	4x(4.2-12.6)W	4x350mA	4	0-100%	DALI DT8



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4ch DALI to CONSTANT CURRENT

LED Driver Converter

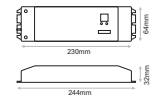
- DALI DT6.
- Push switch dimming.
- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Overload, Short-circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.387	220-240VAC 50/60Hz	250-1500mA*	8-43VDC*	11-64W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W/CH Max*	V out DC	I out DC	ta °C	tc °C	η max. Efficiency**
11	8-43	250 mA cost.	-25...+45	85	0.87
13	8-43	300 mA cost.			
15	8-43	350 mA cost.			
17	8-43	400 mA cost.			
19	8-43	450 mA cost.			
22	8-43	500 mA cost.			
26	8-43	600 mA cost.			
30	8-43	700 mA cost.			
34	8-43	800 mA cost.			
39	8-43	900 mA cost.			
43	8-43	1000 mA cost.			
47	8-43	1100 mA cost.			
52	8-43	1200 mA cost.			
56	8-43	1300 mA cost.			
60	8-43	1400 mA cost.			
64	8-43	1500 mA cost.			

* CH1 + CH2 + CH3 + CH4 <= 64W.
**Referred to Vin = 230 V, 100% load.



2ch DALI to CONSTANT CURRENT

LED Driver Converter

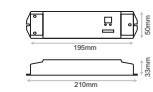
- DALI DT6.
- Push switch dimming.
- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Overload, Short-circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.388	220-240VAC 50/60Hz	250-1500mA*	8-48VDC*	12-50W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W/CH Max*	V out DC	I out DC	ta °C	tc °C	η max. Efficiency**
12	8-48	250 mA cost.	-25...+45	85	0.87
14	8-48	300 mA cost.			
17	8-48	350 mA cost.			
19	8-48	400 mA cost.			
22	8-48	450 mA cost.			
24	8-48	500 mA cost.			
29	8-48	600 mA cost.			
34	8-48	700 mA cost.			
38	8-48	800 mA cost.			
43	8-48	900 mA cost.			
48	8-48	1000 mA cost.			
51	8-46	1100 mA cost.			
49	8-41	1200 mA cost.			
49	8-38	1300 mA cost.			
49	8-35	1400 mA cost.			
50	8-33	1500 mA cost.			

* CH1 + CH2 <= 50W.
**Referred to Vin = 230 V, 100% load.



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2ch TW DT8 DALI to CONSTANT CURRENT NFC PROGRAMMABLE

LED Drivers Constant Current

- NFC Programmable.
- DALI-2.
- Overload, Short circuit & Overtemperature protection.
- Current selectable output with 0.1mA step.
- Common anode configuration.

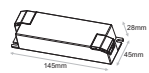
(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.546	220-240VAC 50/60Hz	350-1050mA*	6-54VDC*	19-36W*	≤ 3%**	IP20	DALI-2

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
18.9	6-54	350 mA cost.					
27	6-54	500 mA cost.					
36.4	6-52	700 mA cost.	60	-25...+45	85	0.95	86
36	6-40	900 mA cost.					
36.8	6-35	1050 mA cost.					

*Referred to V_{in} = 230 V, 100%

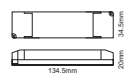


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.513	220-240VAC 50/60Hz	100-700mA*	6-42VDC*	4.2-12W*	≤ 3%**	IP20	DALI-2

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
4.2	6-42	100 mA cost.					
10.5	6-42	250 mA cost.					
11.9	6-34	350 mA cost.	60	-25...+45	85	0.96	80
12	6-24	500 mA cost.					
11.9	6-17	700 mA cost.					

*Referred to V_{in} = 230 V, 100%



1ch DT6 DALI to CONSTANT CURRENT NFC PROGRAMMABLE

LED Drivers Constant Current

- NFC Programmable.
- DALI-2.
- Overload, Short circuit & Overtemperature protection.
- Current selectable output with 0.1mA step.

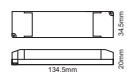
(Amplitude dimming)

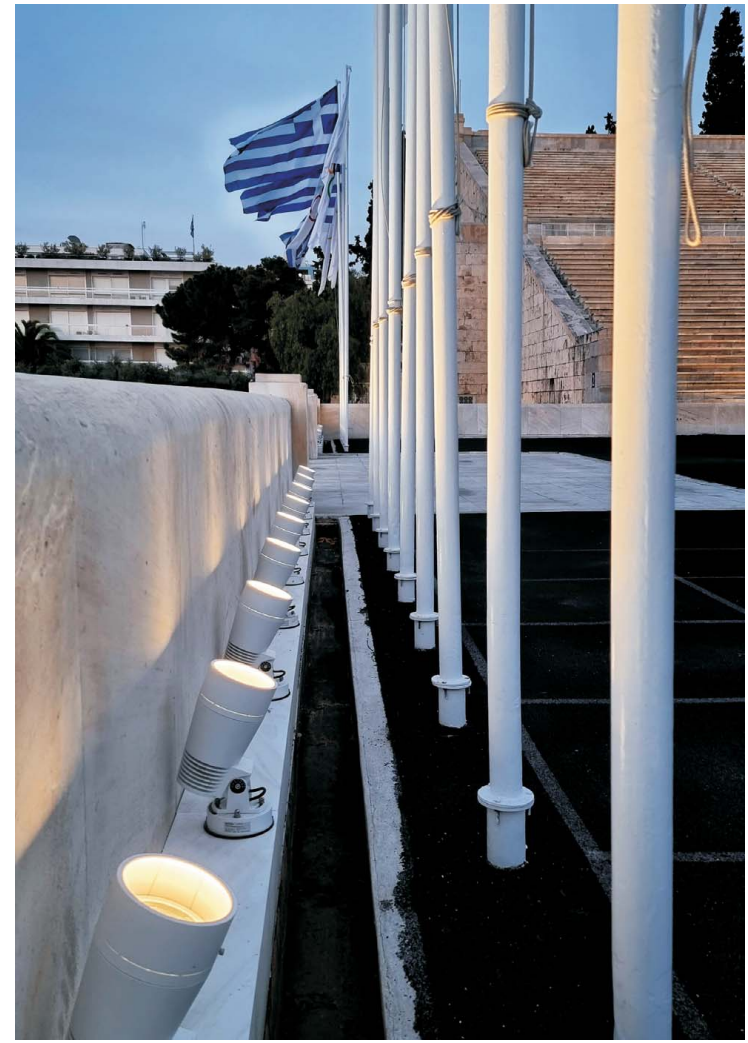
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.523	220-240VAC 50/60Hz	100-700mA*	6-42VDC*	4.2-12W*	≤ 3%**	IP20	DALI-2

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
4.2	6-42	100 mA cost.					
10.5	6-42	250 mA cost.					
11.9	6-34	350 mA cost.	60	-25...+45	85	0.96	80
12	6-24	500 mA cost.					
11.9	6-17	700 mA cost.					

*Referred to V_{in} = 230 V, 100%





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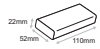
1ch DALI to CONSTANT CURRENT or CONSTANT VOLTAGE Converters

- Dimmable: DALI-2
- Overload & Short circuit protection.
- Ripple free.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.318	220-240VAC 50/60Hz	250-700mA*	3-49VDC*	12-20W*	≤ 3%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12	15-49	250 mA cost.	55	-25...+45	75	0.95	>0.87
17	10-49	350 mA cost.					
19	5-49	400 mA cost.					
20	5-45	450 mA cost.					
20	5-40	500 mA cost.					
20	3-36	550 mA cost.					
20	3-33	600 mA cost.					
20	3-28	700 mA cost.					
16W at 24VDC	Constant Voltage						

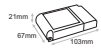


*Referred to V_{in} = 230 V, 100%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.324	220-240VAC 50/60Hz	250-700mA*	3-48VDC*	12-32W*	≤ 3%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12	10-48	250 mA cost.	59	-25...+50	75	0.95	>0.87
14	10-48	300 mA cost.					
17	5-48	350 mA cost.					
19	5-48	400 mA cost.					
22	5-48	450 mA cost.					
24	5-48	500 mA cost.					
26	3-48	550 mA cost.					
28	3-48	600 mA cost.					
31	3-48	650 mA cost.					
32	3-46	700 mA cost.					
10W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						



*Referred to V_{in} = 230 V, 100%

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1ch DALI to CONSTANT CURRENT Converters

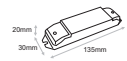
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.540	220-240VAC 50/60Hz	100-400mA*	10-42VDC*	4-12W*	≤ 1%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	η max. Efficiency*
4.2	10-42	100 mA const.	50	-25...+50	75	0.82
6.3	10-42	150 mA const.				
8.4	10-42	200 mA const.				
10.5	10-42	250 mA const.				
12	10-40	300 mA const.				
12	10-34	350 mA const.				
12	15-30	400 mA const.				

*Referred to V_{in} = 230 V, 100% load

- Dimming range 0.01%-100%.
- Suitable for TV studios.
- Overload, Short circuit protection.
- Overheating protection.



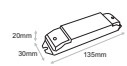
Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.384	220-240VAC 50/60Hz	350-700mA*	10-24VDC*	8-12W*	IP20	DALI

*Please refer to the matrix below.

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	η max. Efficiency*
8	10-24	350 mA const.	35	-25...+50	85	0.88
10	10-24	400 mA const.				
11	10-24	450 mA const.				
12	10-24	500 mA const.				
12	10-22	550 mA const.				
12	10-20	600 mA const.				
12	10-18.5	650 mA const.				
12	10-17	700 mA const.				

*Referred to V_{in} = 230 V, 100% load

- Constant Current output selection from 350mA up to 700mA.
- Dimming range 0.01%-100%
- Suitable for TV studios
- Overload, Short-circuit protection
- Overheating protection

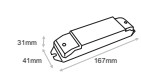


Code	Supply Voltage	Output Current	Output Voltage	Max. Power Consumption	Control
PCK.296	220-240VAC 50/60Hz	200-1200mA*	10-54VDC*	36W	DALI, PUSH

*Please refer to the matrix below.

Output Power	Output Voltage	Output Current
2-10.8W	10-54V	200mA
3.5-18.9W	10-54V	350mA
5-27W	10-54V	500mA
6-32.4W	10-54V	600mA
7-36.4W	10-52V	700mA
9-36W	10-40V	900mA
10.5-36.75W	10-35V	1050mA
12-36W	10-30V	1200mA

- Overload, Short-circuit protection
- Overheating protection



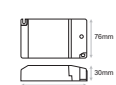
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.419	220-240VAC 50/60Hz	350-1200mA*	2-70VDC*	25-65W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	10-70	350 mA cost.	95	-25...+55	80	0.98	>90
31	10-70	450 mA cost.					
35	2-70	500 mA cost.					
38	2-69	550 mA cost.					
41	2-68	600 mA cost.					
48	2-68	700 mA cost.					
52	2-66	800 mA cost.					
60	2-66	900 mA cost.					
63	2-66	950 mA cost.					
65	2-62	1050 mA cost.					
65	2-54	1200 mA cost.					
65W at 58VDC	Constant Voltage						

*Referred to V_{in} = 230 V, 100%

- Overload & Short circuit protection.



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1ch DALI WARM DIMMING
LED Drivers Constant Current

(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.471	220-240VAC 50/60Hz	120-300mA*	9-45VDC*	5-10W*	IP20	DALI, PUSH

P out W	V out DC	I out DC
5.4	9-45	120 mA cost.
9	9-45	200 mA cost.
10	9-40	250 mA cost.
10	9-33	300 mA cost.

*Please refer to the matrix below.

- Overload & Short circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.445	220-240VAC 50/60Hz	350-700mA*	2-24VDC*	8-10W*	IP20	DALI, PUSH

P out W	V out DC	I out DC
8.4	2-24	350 mA cost.
9.6	2-24	400 mA cost.
9.9	2-22	450 mA cost.
10	2-20	500 mA cost.
9.9	2-18	550 mA cost.
9.6	2-16	600 mA cost.
9.8	2-15	650 mA cost.
9.8	2-14	700 mA cost.

*Please refer to the matrix below.

- Overload & Short circuit protection.
- Overheating protection.
- Supports push dim operation.

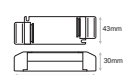
- Overload & Short circuit protection.
- DALI-2
- Supports push dim operation.
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.963	220-240VAC 50/60Hz	250-700mA*	15-50VDC*	12-17W*	≤ 5%**	IP20	DALI, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12.5	15-50	250 mA cost.	60	-25...+55	80	0.96	0.86
15	15-50	300 mA cost.					
17.2	15-49	350 mA cost.					
17.2	15-43	400 mA cost.					
17.1	15-38	450 mA cost.					
17	15-34	500 mA cost.		-25...+60	75		
17.1	15-31	550 mA cost.					
16.8	15-28	600 mA cost.					
16.9	15-26	650 mA cost.					
16.8	15-24	700 mA cost.					

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

*Referred to V_{in} = 230 V, 100%

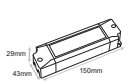


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.353	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	DALI, PUSH

P out W	V out DC	I out DC
14	9-40	350 mA
20	9-40	500 mA
20	9-36	550 mA
20	9-28	700 mA

*Please refer to the matrix below.

- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.



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(Amplitude dimming)

- Overload & Short circuit protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.483	220-240VAC 50/60Hz	250-700mA*	3-48VDC*	12-32W*	≤ 3%**	IP20	DALI

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12	10-48	250 mA cost.	59	-25...+50	75	0.95	>87
14	10-48	300 mA cost.					
17	5-48	350 mA cost.					
19	5-48	400 mA cost.					
22	5-48	450 mA cost.					
24	5-48	500 mA cost.					
26	3-48	550 mA cost.					
28	3-48	600 mA cost.					
31	3-48	650 mA cost.					
32	3-46	700 mA cost.					

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

*Referred to V_{in} = 230 V, 100%

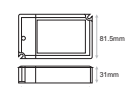
- Overload & Short circuit protection.
- Over temperature protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.446	220-240VAC 50/60Hz	850-1200mA*	9-45VDC*	8-40W*	≤ 3%**	IP20	DALI, PUSH

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
38	9-45	850 mA cost.	55	-25...+50	95	0.95	0.88
40	9-44	900 mA cost.					
40	9-42	950 mA cost.					
40	9-40	1000 mA cost.					
40	9-38	1050 mA cost.					
40	9-36	1100 mA cost.					
40	9-35	1150 mA cost.					
40	9-33	1200 mA cost.					

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

*Referred to V_{in} = 230 V, 100%



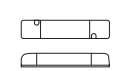
- Overload & Short circuit protection.
- DALI-2
- Supports push dim operation.
- Selectable output current in 50mA steps.
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.367	220-240VAC 50/60Hz	500-1050mA*	25-50VDC*	25-45W*	≤ 3%**	IP20	DALI

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	25-50	500 mA cost.	60	-25...+50	80	0.98	0.91
35	25-50	700 mA cost.			85		
45	25-50	900 mA cost.			85		
45	25-43	1050 mA cost.			85		

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

*Referred to V_{in} = 230 V, 100%



1ch DALI / 1-10V / PUSH WARM DIMMING

LED Drivers Constant Current

(Amplitude dimming)

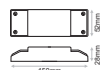
- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.971	220-240VAC 50/60Hz	250-700mA*	9-60VDC*	2-21W*	IP20	DALI, 1-10V**, PUSH

*Please refer to the matrix below.
**1-10V dimming range 2-100%.

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	9-60	250 mA cost.	68	-20...+50	85	0.9	0.85
20.5	9-58	350 mA cost.					
21	9-42	500 mA cost.					
21	9-30	700 mA cost.					

*Referred to V_{in} = 230 V, 100%



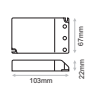
- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.964	220-240VAC 50/60Hz	300-900mA*	9-58VDC*	3-30W*	IP20	DALI, 1-10V**, PUSH

*Please refer to the matrix below.
**1-10V dimming range 2-100%.

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
17.4	9-58	300 mA cost.	68	-20...+50	85	0.9	0.87
20.3	9-58	350 mA cost.					
29	9-58	500 mA cost.					
30	9-42	700 mA cost.					
30	9-34	900 mA cost.					

*Referred to V_{in} = 230 V, 100%



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1ch DALI / 1-10V / PUSH WARM DIMMING
LED Drivers Constant Current

(Amplitude dimming)

- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.970	220-240VAC 50/60Hz	500-1050mA*	9-58VDC*	5-40W*	IP20	DALI, 1-10V**, PUSH

*Please refer to the matrix below.
**1-10V dimming range 2-100%.

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
29	9-58	500 mA cost.	68	-25...+50	85	0.9	>85
32	9-58	550 mA cost.					
35	9-58	600 mA cost.					
38	9-58	650 mA cost.					
40	9-58	700 mA cost.					
40	9-53	750 mA cost.					
40	9-50	800 mA cost.					
40	9-47	850 mA cost.					
40	9-45	900 mA cost.					
40	9-42	950 mA cost.					
40	9-40	1000 mA cost.					
40	9-38	1050 mA cost.					

*Referred to V_{in} = 230 V, 100%

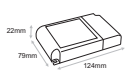
- Overload & Short circuit protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.420	220-240VAC 50/60Hz	250-700mA*	2-112VDC*	28-60W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
28	20-112	250 mA cost.	119	-25...+50	90	0.95	>0.92
34	20-112	300 mA cost.					
39	20-112	350 mA cost.					
45	20-112	400 mA cost.					
50	20-112	450 mA cost.					
56	2-112	500 mA cost.					
60	2-110	550 mA cost.					
60	2-100	600 mA cost.					
60	2-92	650 mA cost.					
60	2-86	700 mA cost.					

*Referred to V_{in} = 230 V, 100%



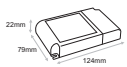
- Overload & Short circuit protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.356	220-240VAC 50/60Hz	350-1050mA*	2-74VDC*	25-60W*	≤ 3%**	IP20	DALI, 1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	2-74	350 mA cost.	90	-25...+50	90	0.95	>92
35	2-72	500 mA cost.					
39	2-72	550 mA cost.					
46	2-72	650 mA cost.					
50	2-72	700 mA cost.					
54	2-72	750 mA cost.					
60	2-70	850 mA cost.					
60	2-66	900 mA cost.					
60	2-60	1.00 A cost.					
60	2-57	1.05 A cost.					

*Referred to V_{in} = 230 V, 100% load



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1ch DALI WARM DIMMING NFC PROGRAMMABLE

LED Drivers Constant Current

(Amplitude dimming)

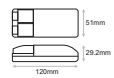
- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.943	220-240VAC 50/60Hz	100-1050mA*	7-44VDC*	4-20W*	≤ 5%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
4.4	15-44	100 mA cost.	60	-25...+50	75	0.93	83
8.8	8-44	200 mA cost.					
13.2	7-44	300 mA cost.					
17.6	7-44	400 mA cost.					
20	7-40	500 mA cost.		-25...+45			
20	7-33	600 mA cost.					
20	7-28	700 mA cost.					
20	7-25	800 mA cost.					
20	7-22	900 mA cost.					
20	7-19	1050 mA cost.					

*Referred to V_{in} = 230 V, 100%



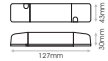
- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.973	220-240VAC 50/60Hz	300-700mA*	7-42VDC*	12-28W*	≤ 2%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12.6	7.5-42	300 mA cost.	60	-25...+50	80	0.97	86
16.8	7.5-42	400 mA cost.					
21	7.5-42	500 mA cost.					
25.2	7.5-42	600 mA cost.					
28	7.5-40	700 mA cost.					

*Referred to V_{in} = 230 V, 100%



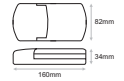
- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.956	220-240VAC 50/60Hz	450-1050mA*	27-54VDC*	24-45W*	≤ 5%**	IP20	DALI

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
24.3	27-54	450 mA cost.	60	-25...+50	65	0.95	88
27	27-54	500 mA cost.					
32.4	27-54	600 mA cost.			70		
37.8	27-54	700 mA cost.					
43.2	27-54	800 mA cost.					
45	27-50	900 mA cost.			75		
45	27-43	1050 mA cost.					

*Referred to V_{in} = 230 V, 100%



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1ch DALI DIMMABLE IP68 NFC PROGRAMMABLE

LED Drivers Constant Current

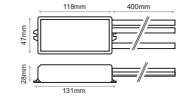
- NFC Programmable.
- Current selectable output with 1mA step.
- Supports push dim operation.
- IP68
- DALI-2
- Overload & Short circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.543	220-240VAC 50/60Hz	150-1050mA*	8-38VDC*	≤ 3%**	-25..+50	IP68	DALI, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	tc °C	η max. Efficiency*
8	10-54	150 mA const.	59	90	>0.89
14	10-54	250 mA const.			
19	10-54	350 mA const.			
27	10-54	500 mA const.			
38	10-54	700 mA const.			
38	10-42	900 mA const.			
38	10-36	1050 mA const.			

*Referred to V_{in} = 230 V, 100%

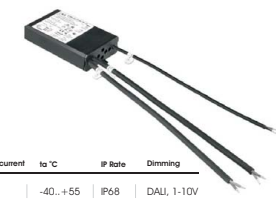


1ch DALI DIMMABLE IP68

LED Drivers Constant Current

(Amplitude dimming)

- IP68
- DALI-2
- Overload & Short circuit protection.
- Overheating protection.

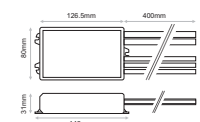


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.491	220-240VAC 50/60Hz	350-1400mA*	10-50VDC*	18-70W*	≤ 3%**	-40..+55	IP68	DALI, 1-10V

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	tc °C	η max. Efficiency*
18	10-50	350 mA cost.	60	90	>0.92
25	10-50	500 mA cost.			
35	10-50	700 mA cost.			
45	10-50	900 mA cost.			
53	10-50	1050 mA cost.			
60	10-50	1200 mA cost.			
70	10-50	1400 mA cost.			

*Referred to V_{in} = 230 V, 100%



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1ch DIMMABLE 1-10V
CONSTANT CURRENT or CONSTANT VOLTAGE
Universal Drivers

- Selectable Dimmable Constant Current or Constant Voltage driver.
- Selectable by dip-switches.
- Dimmable 1-10V.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.327	220-240VAC 50/60Hz	100-380mA*	2-53VDC*	5-20W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
5	20-53	100 mA cost.	89	-25...+50	75	0.95	>0.87
14	2-53	260 mA cost.					
16	2-53	300 mA cost.					
18	5-53	340 mA cost.					
20	3-53	380 mA cost.					
9W at 24VDC	Constant Voltage						

*Referred to V_{in} = 230 V, 100%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.325	220-240VAC 50/60Hz	250-900mA*	3-53VDC*	13-20W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
13	20-53	250 mA cost.	59	-25...+50	80	0.95	>0.85
15	20-52	300 mA cost.					
18	15-50	350 mA cost.					
20	5-40	500 mA cost.					
20	3-29	700 mA cost.					
20	3-23	900 mA cost.					
11W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						

*Referred to V_{in} = 230 V, 100%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.323	220-240VAC 50/60Hz	350-900mA*	2-43VDC*	15-20W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	2-43	350 mA cost.	49	-25...+50	80	0.95	>0.87
20	2-40	500 mA cost.					
20	2-36	550 mA cost.					
20	2-29	700 mA cost.					
20	2-24	850 mA cost.					
20	2-22	900 mA cost.					
10W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						

*Referred to V_{in} = 230 V, 100%

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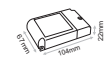
1ch DIMMABLE 1-10V
CONSTANT CURRENT or CONSTANT VOLTAGE
Universal Drivers

- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.098	220-240VAC 50/60Hz	250-900mA*	2-53VDC*	13-32W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
13	15-53	250 mA cost.	59	-25...+45	75	0.95	>0.88
16	15-53	300 mA cost.					
18	15-53	350 mA cost.					
21	15-53	400 mA cost.					
23	5-52	450 mA cost.					
25	2-50	500 mA cost.					
27	2-50	550 mA cost.					
30	2-50	600 mA cost.					
32	2-49	650 mA cost.					
32	2-46	700 mA cost.					
20	2-27	750 mA cost.					
20	2-25	800 mA cost.					
20	2-24	850 mA cost.					
20	2-22	900 mA cost.					
11W at 12VDC	Constant Voltage						
20W at 24VDC	Constant Voltage						



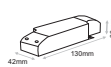
*Referred to V_{in} = 230 V, 100%

- Overload, Short-circuit protection.
- Overheating protection.
- Does not support push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.391	220-240VAC 50/60Hz	300-1050mA*	10-54VDC*	16-36W*	≤ 3%**	IP20	1-10V

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
16	10-54	300 mA cost.	59	-25...+40	80	0.95	>0.9
18	10-54	350 mA cost.					
27	10-54	500 mA cost.					
36	10-51	700 mA cost.					
36	10-40	900 mA cost.					
36	10-35	1050 mA cost.					



*Referred to V_{in} = 230 V, 100%

- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.180	220-240VAC 50/60Hz	350-1050mA*	20-74VDC*	25-50W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	20-74	350 mA cost.	90	-25...+50	85	0.95	>0.89
35	20-72	500 mA cost.					
50	20-71	700 mA cost.					
50	20-55	900 mA cost.					
50	20-48	1050 mA cost.					
50W at 48VDC	Constant Voltage						

*Referred to V_{in} = 230 V, 100%

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1ch DIMMABLE 1-10V
& LEADING or TRAILING EDGE
LED Driver Constant Current

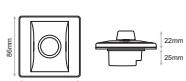
350mA, 500mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	Dimming Control	Dimming Range
PCK.281	220-240VAC / 50Hz	14-28VDC	5-10W	350mA	1-10V or Trailing Edge or Leading Edge	10-100%
PCK.245	220-240VAC / 50Hz	10-20VDC	5-10W	500mA	1-10V or Trailing Edge or Leading Edge	10-100%

1ch DIMMABLE 1-10V
Control Potentiometer Constant Current

Code	Description
PCK.206	1-10V control potentiometer

Code	Description
CDS.019	1-10V control panel



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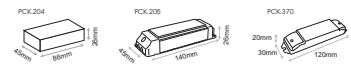
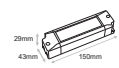
1ch DIMMABLE 1-10V
LED Driver Constant Current

Code	Supply Voltage	Output Voltage	Output Power	Output Current	Dimming Control	Dimming Range	
PCK.204	110-255VAC 50/60Hz	3-18VDC	1-6W	350mA	1-10V	10-100%	
PCK.205	110-255VAC 50/60Hz	9-36VDC	3-12W	350mA	1-10V	10-100%	
PCK.370	100-240VAC 50/60Hz	3-24VDC	8.4W	350mA	1-10V	0.01-100%	



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.358	200-240VAC 50/60Hz	200-350mA	9-40V	8-12W	1-10V

P out W	V out DC	I out DC
8W	40V	200 mA
10W	40V	250 mA
12W	40V	300 mA
12W	34V	350 mA



- Constant Current output selection from 350mA up to 700mA.
- Suitable for TV studios.
- Overload, Short-circuit protection.
- Overheating protection.
- LF Current Ripple (<120Hz) <3%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.430	220-240VAC 50/60Hz	350-700mA*	2-21VDC*	7-10W*	1-10V

*Please refer to the matrix below.

P out W	V out DC	I out DC
7.4	2-21	350 mA cost.
8.4	2-21	400 mA cost.
9.5	2-21	450 mA cost.
10	2-20	500 mA cost.
9.9	2-18	550 mA cost.
9.6	2-16	600 mA cost.
9.8	2-15	650 mA cost.
9.8	2-14	700 mA cost.

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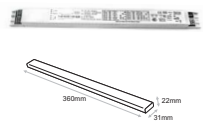
1ch 1-10V DIMMABLE
LED Drivers Constant Current

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.217	220-240VAC 50/60Hz	140-350mA*	30-250VDC*	35-80W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
35	30-250	140 mA cost.	300	-25...+55	85	0.95	>93
38	30-250	155 mA cost.					
43	30-250	170 mA cost.					
46	30-250	185 mA cost.					
50	30-250	200 mA cost.					
54	30-250	215 mA cost.					
58	30-250	230 mA cost.					
61	30-250	245 mA cost.					
65	30-250	260 mA cost.					
69	30-250	275 mA cost.					
73	30-250	290 mA cost.					
76	30-250	305 mA cost.					
80	30-250	320 mA cost.					
80	30-235	335 mA cost.					
80	30-228	350 mA cost.					

*Referred to V_{in} = 230 V, 100%

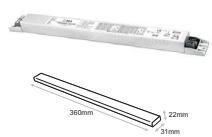


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.357	220-240VAC 50/60Hz	220-500mA*	30-170VDC*	37-80W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
37	30-170	220 mA cost.	210	-25...+50	85	0.95	>92
41	30-170	240 mA cost.					
44	30-170	260 mA cost.					
48	30-170	280 mA cost.					
51	30-170	300 mA cost.					
54	30-170	320 mA cost.					
58	30-170	340 mA cost.					
61	30-170	360 mA cost.					
65	30-170	380 mA cost.					
68	30-170	400 mA cost.					
71	30-170	420 mA cost.					
75	30-170	440 mA cost.					
78	30-170	460 mA cost.					
80	30-167	480 mA cost.					
80	30-160	500 mA cost.					

*Referred to V_{in} = 230 V, 100%

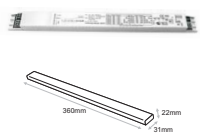


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PCK.322	220-240VAC 50/60Hz	350-700mA*	30-120VDC*	42-80W*	≤ 3%**	IP20	1-10V, PUSH

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
42	30-120	350 mA cost.	180	-25...+50	85	0.95	>92
45	30-120	375 mA cost.					
48	30-120	400 mA cost.					
51	30-120	425 mA cost.					
54	30-120	450 mA cost.					
57	30-120	475 mA cost.					
60	30-120	500 mA cost.					
63	30-120	525 mA cost.					
66	30-120	550 mA cost.					
69	30-120	575 mA cost.					
72	30-120	600 mA cost.					
75	30-120	625 mA cost.					
78	30-120	650 mA cost.					
80	30-118	675 mA cost.					
80	30-114	700 mA cost.					

*Referred to V_{in} = 230 V, 100%



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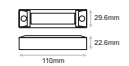
1ch 1-10V WARM DIMMING
LED Drivers Constant Current

(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.468	220-240VAC 50/60Hz	120-350mA*	9-42VDC*	5-10W*	1-10V

*Please refer to the matrix below.

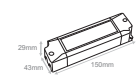
P out W	V out DC	I out DC
5	9-42	120 mA cost.
6.3	9-42	150 mA cost.
7.6	9-42	180 mA cost.
8.4	9-42	200 mA cost.
9.8	9-41	240 mA cost.
10	9-37	270 mA cost.
10	9-33	300 mA cost.
10	9-28	350 mA cost.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.352	220-240V 50/60Hz	280-450mA*	3-40VDC*	11.2-14.85W*	1-10V

*Please refer to the matrix below.

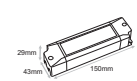
P out W	V out DC	I out DC
11.2	3-40	280 mA
14	3-40	350 mA
14.85	3-33	450 mA



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.381	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	1-10V

*Please refer to the matrix below.

P out W	V out DC	I out DC
14	9-40	350 mA
20	9-40	500 mA
19.8	9-36	550 mA
19.6	9-28	700 mA



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1ch 1-10V DIMMABLE IP68

LED Drivers Constant Current

- IP68
- Overload & Short circuit protection.
- Overheating protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.463	220-240VAC 50/60Hz	350mA	2-46VDC	1-16W	≤ 3%*	-40..+60	IP68	1-10V

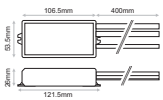
*Referred to V_{in} = 230 V, 100% load

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.464	220-240VAC 50/60Hz	500mA	2-40VDC	1-20W	≤ 3%*	-40..+60	IP68	1-10V

*Referred to V_{in} = 230 V, 100% load

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
PCK.465	220-240VAC 50/60Hz	700mA	2-24VDC or 24VDC const.	1-17W	≤ 3%*	-40..+60	IP68	1-10V

*Referred to V_{in} = 230 V, 100% load

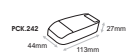


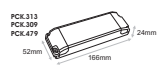
1ch LEADING or TRAILING EDGE (PHASE CUT DIMMERS)

DIMMABLE LED Drivers Constant Current

- Overload & Short circuiting protection.
- Overheating protection.

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Channel Power	Control	
18W / 350mA							
PCK.242	220-240VAC 50/60Hz	15-52VDC	350mA	1	6-18W	Dimmable with leading or trailing edge dimmer	
18W / 500mA							
PCK.362	220-240VAC 50/60Hz	18-36VDC	500mA	1	9-18W	Dimmable with trailing edge dimmer	
25W / 500mA							
PCK.501	220-240VAC 50/60Hz	25-50VDC	500mA	1	12.5-25W	Dimmable with trailing edge dimmer	
40W / 500mA							
PCK.313	220-240VAC 50/60Hz	40-80VDC	500mA	1	20-40W	Dimmable with leading or trailing edge dimmer	
10W / 700mA							
PCK.434	220-240VAC 50/60Hz	8-15VDC	700mA	1	10W	Dimmable with leading or trailing edge dimmer	
18W / 700mA							
PCK.502	220-240VAC 50/60Hz	13-26VDC	700mA	1	9.1-18.2W	Dimmable with leading or trailing edge dimmer	
45W / 1050mA							
PCK.309	220-240VAC 50/60Hz	22-43VDC	1050mA	1	22-45W	Dimmable with leading or trailing edge dimmer	
50W / 1300mA							
PCK.479	220-240VAC 50/60Hz	20-39VDC	1300mA	1	25-50W	Dimmable with leading or trailing edge dimmer	





Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Control	
PCK.360	200-240VAC 50/60Hz	9-42VDC	180mA / 7.5W 240mA / 10W 300mA / 12W	1	Dimmable with leading or trailing edge dimmer	

1ch LEADING or TRAILING EDGE (PHASE CUT DIMMERS)

DIMMABLE LED Drivers Constant Current

- Overload & Short circuiting protection.
- Overheating protection.

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Control
PCK.291	220-240VAC 50/60Hz	28-42VDC	180-350mA*	1	7.6-14.7W*	Dimmable with leading or trailing edge dimmer

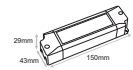
*Please refer to the matrix below.

P out W	V out DC	I out DC
7.6W	28-42VDC	180 mA
10.5W	28-42VDC	250 mA
14.7W	28-42VDC	350 mA

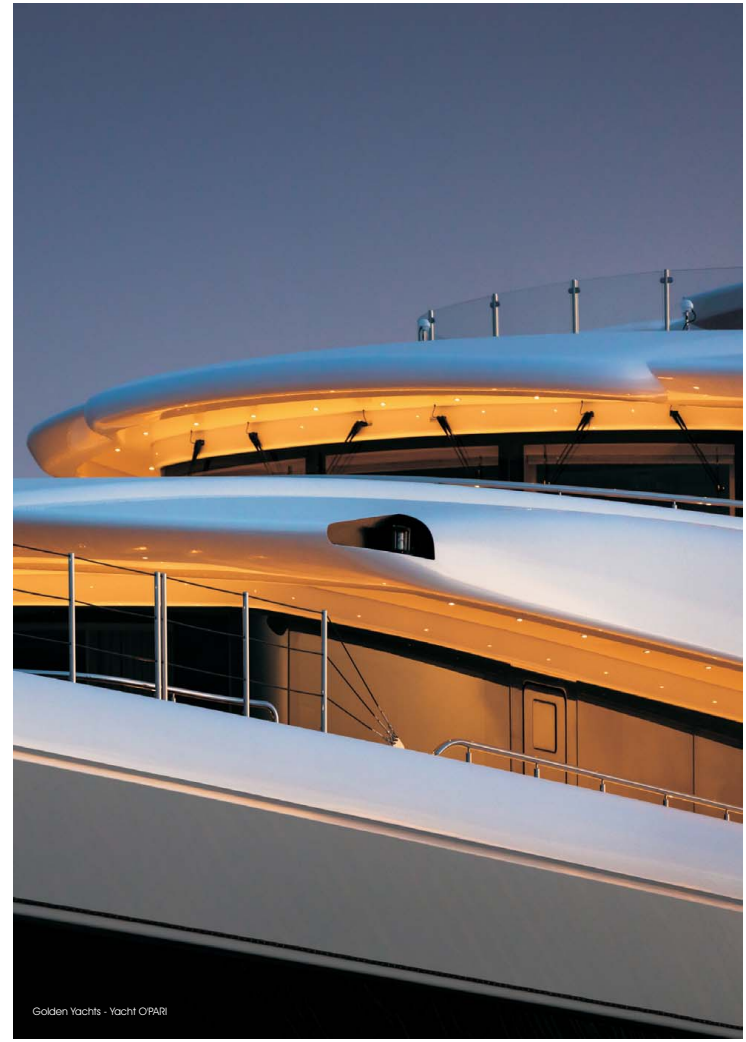
Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Control
PCK.395	220-240VAC 50/60Hz	9-40VDC*	350-500mA*	1	14-15W*	Dimmable with leading or trailing edge dimmer

*Please refer to the matrix below.

P out W	V out DC	I out DC
14W	9-40VDC	350 mA
14.8W	9-37VDC	400 mA
14.9W	9-33VDC	450 mA
15W	9-30VDC	500 mA



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.936	220-240VAC 50/60Hz	700mA	3-20VDC	14W	Trailing or Leading Edge Dimmer



Golden Yachts - Yacht O'PARI

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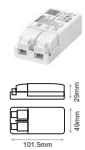
1ch PHASE CUT WARM DIMMING
LED Drivers Constant Current

(Amplitude dimming)

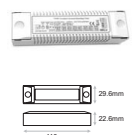
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.962	220-240VAC 50/60Hz	180mA	27-42VDC	4.9-7.6W	Trailing or Leading Edge Dimmer
PCK.960	220-240VAC 50/60Hz	350mA	3-20VDC	1.1-7W	Trailing or Leading Edge Dimmer



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.469	220-240VAC 50/60Hz	120-350mA*	9-42VDC*	5-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
5	9-42	120
6.3	9-42	150
7.6	9-42	180
8.8	9-42	210
10	9-40	250
9.9	9-33	300
9.9	9-31	320
9.8	9-28	350

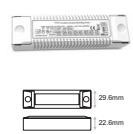
*Please refer to the matrix below.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.459	220-240VAC 50/60Hz	350-700mA*	2-21VDC*	7-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
7.4	2-21	350
8.4	2-21	400
9.5	2-21	450
10	2-20	500
9.9	2-18	550
9.6	2-16	600
9.8	2-15	650
9.8	2-14	700

*Please refer to the matrix below.



- Flicker-free
- Protection: Short circuit, overheating, overload.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.379	220-240VAC 50/60Hz	350-700mA*	3-24VDC*	8.4-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
8.4	3-24	350
9.6	3-24	400
9.9	3-22	450
10	3-20	500
9.9	3-18	550
9.6	3-16	600
9.6	3-15	650
9.8	3-14	700

*Please refer to the matrix below.

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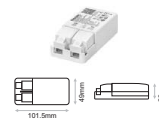
LED Drivers Constant Current

(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.954	220-240VAC 50/60Hz	350mA	27-42VDC	9.5-14.7W	Trailing or Leading Edge Dimmer



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.354	220-240VAC 50/60Hz	280-450mA*	3-42VDC*	11.8-15W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
11.8	3-42	280 mA
14.7	3-42	350 mA
15	3-33	450 mA

*Please refer to the matrix below.

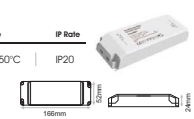
Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.363	220-240VAC 50/60Hz	600mA	21-42VDC	12.6-25.2W	IP20	Trailing Edge Dimmer

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.375	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
14	9-40	350 mA
16	9-40	400 mA
18	9-40	450 mA
20	9-40	500 mA
19.8	9-36	550 mA
19.8	9-33	600 mA
19.5	9-30	650 mA
19.6	9-28	700 mA

*Please refer to the matrix below.

Code	Supply Voltage	Max. Output	Output Current	Output Voltage	Power Factor	Efficiency Full Load	Ambient Temperature	IP Rate
PCK.480	220-240VAC 50/60Hz	40W	700mA	28-56VDC	0.95λ	87%	-20°C - +50°C	IP20



Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PCK.345	220-240VAC 50/60Hz	900mA*	22-42VDC*	38W*	IP20	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
38	22-42	900 mA cost.	90	-20...+50	80	0.95	88

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

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LED Drivers Constant Current

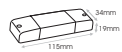
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.215	220-240VAC 50/60Hz	60-360mA*	2-41VDC*	2.5-15W*	≤ 3%**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
2.5	2...41.5	60 mA cost.					
3.5	2...41.5	80 mA cost.					
4.1	2...41.5	100 mA cost.					
5	2...41.5	120 mA cost.					
5.8	2...41.5	140 mA cost.					
6.6	2...41.5	160 mA cost.					
7.4	2...41.5	180 mA cost.					
8.3	2...41.5	200 mA cost.					
9.1	2...41.5	220 mA cost.	44	-25...+45	75	0.64C	82
10	2...41.5	240 mA cost.					
10.8	2...41.5	260 mA cost.					
11.6	2...41.5	280 mA cost.					
12.4	2...41.5	300 mA cost.					
13.2	2...41.5	320 mA cost.					
14.1	2...41.5	340 mA cost.					
15	2...41.5	360 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

- Constant Current output selection from 60mA up to 360mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.929	220-240VAC 50/60Hz	350-700mA*	14-50VDC*	17.5-20W*	≤ 5 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
17.5	25...50	350 mA cost.					
20	20...40	500 mA cost.	60	-25...+50	85	0.95	≤ 0.85
20	14...28.5	700 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

- Constant Current output selection from 250mA up to 700mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.343	220-240VAC 50/60Hz	250-700mA*	2-54VDC*	13-20W*	≤ 3 %**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
13	10...54	250 mA cost.					
19	2...54	350 mA cost.					
20	2...50	400 mA cost.					
20	2...44	450 mA cost.	59	-25...+50	80	0.97	>88
20	2...40	500 mA cost.					
20	2...37	550 mA cost.					
20	2...34	600 mA cost.					
20	2...29	700 mA cost.					

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

1ch MULTI POWER
LED Drivers Constant Current

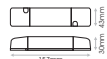
- Constant Current output selection from 350mA up to 600mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.922	220-240VAC 50/60Hz	350-600mA*	27-44VDC*	15,4-26,4W*	≤ 5 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15.4	27...44	350 mA cost.	60	-25...+50	75	0.95	≤ 0.88
17.6	27...44	400 mA cost.					
19.8	27...44	450 mA cost.					
22	27...44	500 mA cost.					
26.4	27...44	600 mA cost.					

*Referred to V_{in} = 230 V, 100% load



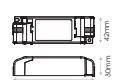
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.213	220-240VAC 50/60Hz	250-1000mA*	10-45VDC*	11-32W*	± 20 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
11	10...45	250 mA cost.	50	-25...+50	80	0.95	>89
13	10...45	300 mA cost.					
16	10...45	350 mA cost.					
18	10...45	400 mA cost.					
20	10...45	450 mA cost.					
22	10...45	500 mA cost.					
25	10...45	550 mA cost.					
27	10...45	600 mA cost.					
29	10...45	650 mA cost.					
32	10...45	700 mA cost.					
32	10...42	750 mA cost.					
32	10...40	800 mA cost.					
32	10...38	850 mA cost.					
32	10...36	900 mA cost.					
32	10...34	950 mA cost.					
32	10...30	1000 mA cost.					

*Referred to V_{in} = 230 V, 100% load

- Constant Current output selection from 250mA up to 1000mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable



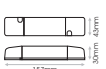
- Constant Current output selection from 500mA up to 800mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.925	220-240VAC 50/60Hz	500-800mA*	25-44VDC*	21-35.2W*	≤ 5 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
21	25...42	500 mA cost.	60	-25...+50	80	0.95	≤ 0.88
25.2	25...42	600 mA cost.					
28.6	25...44	650 mA cost.					
31.5	25...45	700 mA cost.					
35.2	30...44	800 mA cost.					

*Referred to V_{in} = 230 V, 100% load



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1ch MULTI POWER
LED Drivers Constant Current

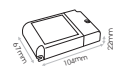
- Constant Current output selection from 350mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- RIPPLE FREE (Typical ripple at max output current ≤ 3 %**).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.214	220-240VAC 50/60Hz	350-1050mA*	2-42VDC*	15-39W*	≤ 3 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	2...42V	350mA cost.	55	-25...+50	80	0.95	>90
21	2...42V	500mA cost.					
23	2...42V	550mA cost.					
27	2...42V	650mA cost.					
29	2...42V	700mA cost.					
31	2...42V	750mA cost.					
35	2...42V	850mA cost.					
37	2...42V	900mA cost.		-25...+45			
39	2...37V	1.05A cost.					

*Referred to V_{in} = 230 V, 100% load



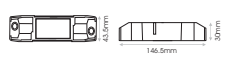
- Constant Current output selection from 300mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.484	220-240VAC 50/60Hz	300-1050mA*	3-44VDC*	13-42W*	≤3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
13	3...44	300 mA cost.	55	-25...+45	80	0.95	≤0.90
15	3...44	350 mA cost.					
18	3...44	400 mA cost.					
20	3...44	450 mA cost.					
22	3...44	500 mA cost.					
24	3...44	550 mA cost.					
27	3...44	600 mA cost.					
29	3...44	650 mA cost.					
31	3...44	700 mA cost.					
32	3...44	750 mA cost.					
33	3...42	800 mA cost.					
35	3...42	850 mA cost.					
38	3...42	900 mA cost.					
40	3...42	950 mA cost.					
42	3...42	1000 mA cost.					
42	3...40	1050 mA cost.					

*Referred to V_{in} = 230 V, 100% load



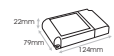
- Constant Current output selection from 350mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- RIPPLE FREE (Typical ripple at max output current ≤ 3 %**).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.440	220-240VAC 50/60Hz	350-1050mA*	2-74VDC*	25-50W*	≤ 3 %**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	2...74V	350mA cost.	90	-25...+50	85	0.95	>89
35	2...72V	500mA cost.					
39	2...72V	550mA cost.					
46	2...72V	650mA cost.					
50	2...71V	700mA cost.					
50	2...66V	750mA cost.					
50	2...58V	850mA cost.		-25...+45			
50	2...55V	900mA cost.					
50	2...48V	1.05A cost.					

*Referred to V_{in} = 230 V, 100% load



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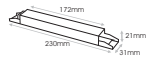
- Constant Current output selection from 250mA up to 350mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.914	220-240VAC 50/60Hz	250-350mA*	25-54VDC*	13.5-19W*	≤ 7.5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency
13.5	25..54	250 mA cost.					
14.9	25..54	275 mA cost.					
16.2	25..54	300 mA cost.	60	-25...+50	65	0.9	<84%*
17.6	25..54	325 mA cost.					
19	25..54	350 mA cost.					

*Referred to V_{in} = 230V, 100% load



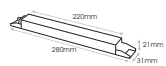
- Constant Current output selection from 100mA up to 400mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.909	220-240VAC 50/60Hz	100-400mA*	50-140VDC*	14-50W*	≤ 5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency
14	60..140	100 mA cost.			70		
21	50..140	150 mA cost.			70		
28	50..140	200 mA cost.			75		
35	50..140	250 mA cost.	250	-25...+50	75	0.98	<93%*
42	50..140	300 mA cost.			75		
49	50..140	350 mA cost.			70		
50	50..125	400 mA cost.			70		

*Referred to V_{in} = 230V, 100% load



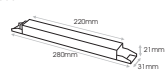
- Constant Current output selection from 100mA up to 400mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.934	220-240VAC 50/60Hz	100-400mA*	220-188VDC*	22-75W*	≤ 5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency
22	60..220	100 mA cost.			75		
33	50..220	150 mA cost.			75		
44	50..220	200 mA cost.			80		
55	50..220	250 mA cost.	250	-25...+50	80	0.99	<94%*
66	50..220	300 mA cost.			75		
75	50..214	350 mA cost.			75		
75	50..188	400 mA cost.			75		

*Referred to V_{in} = 230V, 100% load



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- Constant Current output selection:
  from 350mA up to 500mA (PCK.320), from 200mA up to 350mA (PCK.216).
- Protections: Short circuits, Overheating, Overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.216	220-240VAC 50/60Hz	200-350mA*	30-270VDC*	54-80W*	≤ 3%**	IP20
PCK.320	220-240VAC 50/60Hz	350-500mA*	30-210VDC*	73.5-80W*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

PCK.216

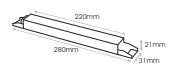
P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
54	30...270	200 mA cost.	390	-25...+50	85	0.95*	>94**
56.5	30...270	210 mA cost.					
59	30...270	220 mA cost.					
62	30...270	230 mA cost.					
64.5	30...270	240 mA cost.					
67.5	30...270	250 mA cost.					
70	30...270	260 mA cost.					
72.5	30...270	270 mA cost.					
72.5	30...270	280 mA cost.					
78	30...270	290 mA cost.					
80	30...266	300 mA cost.	300				
80	30...258	310 mA cost.					
80	30...250	320 mA cost.					
80	30...242	330 mA cost.					
80	30...235	340 mA cost.					
80	30...228	350 mA cost.					

* Pout>46W
** Referred to V_{in} = 230 V, 100% load

PCK.320

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
73.5	30...210	350 mA cost.	250	-25...+50	85	0.95	>93*
75.5	30...210	360 mA cost.					
77.5	30...210	370 mA cost.					
80	30...210	380 mA cost.					
80	30...205	390 mA cost.					
80	30...200	400 mA cost.					
80	30...195	410 mA cost.					
80	30...190	420 mA cost.					
80	30...186	430 mA cost.					
80	30...181	440 mA cost.					
80	30...177	450 mA cost.					
80	30...174	460 mA cost.					
80	30...170	470 mA cost.					
80	30...166	480 mA cost.					
80	30...163	490 mA cost.					
80	30...160	500 mA cost.					

*Referred to V_{in} = 230 V, 100% load



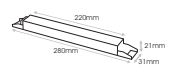
- Constant Current output selection from 250mA up to 700mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PCK.955	220-240VAC 50/60Hz	250-700mA*	220-143VDC*	55-100W*	≤ 5%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency
55	80..220	250 mA cost.	250	-25...+60	75	0.99	≤ 0.95
66	80..220	300 mA cost.					
77	80..220	350 mA cost.					
88	80..220	400 mA cost.					
99	80..220	450 mA cost.					
100	80..200	500 mA cost.					
100	80..182	550 mA cost.					
100	80..167	600 mA cost.			80		
100	80..154	650 mA cost.					
100	80..143	700 mA cost.					

*Referred to V_{in} = 230V, 100% load



1ch 350-700mA
Small Size
LED Drivers Constant Current

- Non-Dimmable
- Short circuit protection.
- Suitable for cutting holes down to 32mm.

350mA

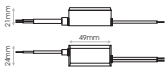
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.474	220-240VAC 50/60Hz	5-10VDC	1.7-3.5W	350mA	IP20

500mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.475	220-240VAC 50/60Hz	5-10VDC	2.5-5W	500mA	IP20

700mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.476	220-240VAC 50/60Hz	5-10VDC	3.5-7W	700mA	IP20



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Constant Current LED Drivers

1ch 200-1050mA
LED Drivers Constant Current

- Non-Dimmable
- Short circuit protection.
- Overload protection.

200mA

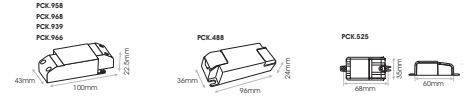
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.958	220-240VAC 50/60Hz	23-40VDC	4.6-8W	200mA	IP20

250mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.525	110-240VAC 50/60Hz	2-36VDC	0.5-9W	250mA	IP20
PCK.968	220-240VAC 50/60Hz	23.2-40VDC	5.8-10W	250mA	IP20
PCK.488	220-240VAC 50/60Hz	25-42VDC	6.3-10.5W	250mA	IP20

300mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.939	220-240VAC 50/60Hz	30-42VDC	9-12.6W	300mA	IP20
PCK.966	220-240VAC 50/60Hz	28-50VDC	8.4-15W	300mA	IP20



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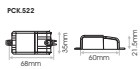
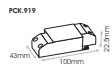
- Non-Dimmable
- Short circuit protection.
- Overload protection.

350mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.522	110-240VAC 50/60Hz	2-23VDC	0.7-8W	350mA	IP20
PCK.184	110-240VAC 50/60Hz	3-24VDC	1-8W	350mA	IP20
PCK.202	110-255VAC 50/60Hz	3-36VDC	1-8W	350mA	IP20
PCK.477	220-240VAC 50/60Hz	14-24VDC	4.9-8.4W	350mA	IP20
PCK.919	220-240VAC 50/60Hz	17.1-29.1VDC	6-10.2W	350mA	IP20





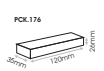
Code	Supply Voltage	Output Voltage	Output Power	Output Current	Typical ripple at max output current	IP Rate
PCK.319	220-240VAC 50/60Hz	2-41VDC*	15W*	350mA*	≤ 3%**	IP20

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
15	2...41	350 mA cost.	44	-25...+45	75	0.54C	77

*Referred to V_{in} = 230 V, 100% load

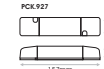
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.451	220-240VAC 50/60Hz	25-43VDC	8.8-15.1W	350mA	IP20
PCK.176	100-240VAC 50/60Hz	9-57VDC	3-20W	350mA	IP67
PCK.179	100-240VAC 50/60Hz	40-58VDC	14-20.3W	350mA	IP42



- Non-Dimmable
- Short circuit protection.
- Overload protection.

500mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.097	100-230VAC 50/60Hz	4-12,6VDC	1-6W	500mA	IP20
PCK.926	220-240VAC 50/60Hz	11-20VDC	5.5-10W	500mA	IP20
PCK.927	220-240VAC 50/60Hz	30-42VDC	15-21W	500mA	IP20
PCK.915	220-240VAC 50/60Hz	33-42VDC	16.5-21W	500mA	IP20
PCK.181	100-240VAC 50/60Hz	15-50VDC	7.5-25W	500mA	IP30



700mA

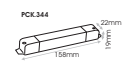
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.959	220-240VAC 50/60Hz	8-14.6VDC	5.6-10.2W	700mA	IP20
PCK.344	200-240VAC 50/60Hz	2-16.5VDC*	11W*	700mA	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
11	2...16.5	700 mA cost.	18	-25...+50	80	0.6C	77

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.
**Referred to V_{in} = 230 V, 100% load

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.979	200-240VAC 50/60Hz	13-21VDC	9-14.5W	700mA	IP20
PCK.177	200-240VAC 50/60Hz	6-25VDC	4.2-17.5W	700mA	IP67
PCK.186	90-240VAC 50/60Hz	9-30VDC	6.3-21W	700mA	IP67
PCK.944	220-240VAC 50/60Hz	30-42VDC	21-29.4W	700mA	IP20
PCK.431	90-240VAC 50/60Hz	9-48VDC	6.3-33.6W	700mA	IP67
PCK.918	220-240VAC 50/60Hz	47-86VDC	32.9-60.2W	700mA	IP20

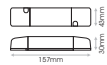


800mA

- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.928	220-240VAC 50/60Hz	30-42VDC	24-33.6W	800mA	IP20
PCK.916	220-240VAC 50/60Hz	33-44VDC	26.4-35.2W	800mA	IP20

PCK.928

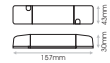


PCK.916

900mA

- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Strain relief set to be ordered separately (467.ACC.200).

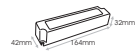
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.906	220-240VAC 50/60Hz	30-42VDC	27-36W	900mA	IP20



1050mA

- Non-Dimmable
- Short circuit protection.
- Overload protection.

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.178	200-240VAC 50/60Hz	9-48VDC	50W	1050mA	IP67



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